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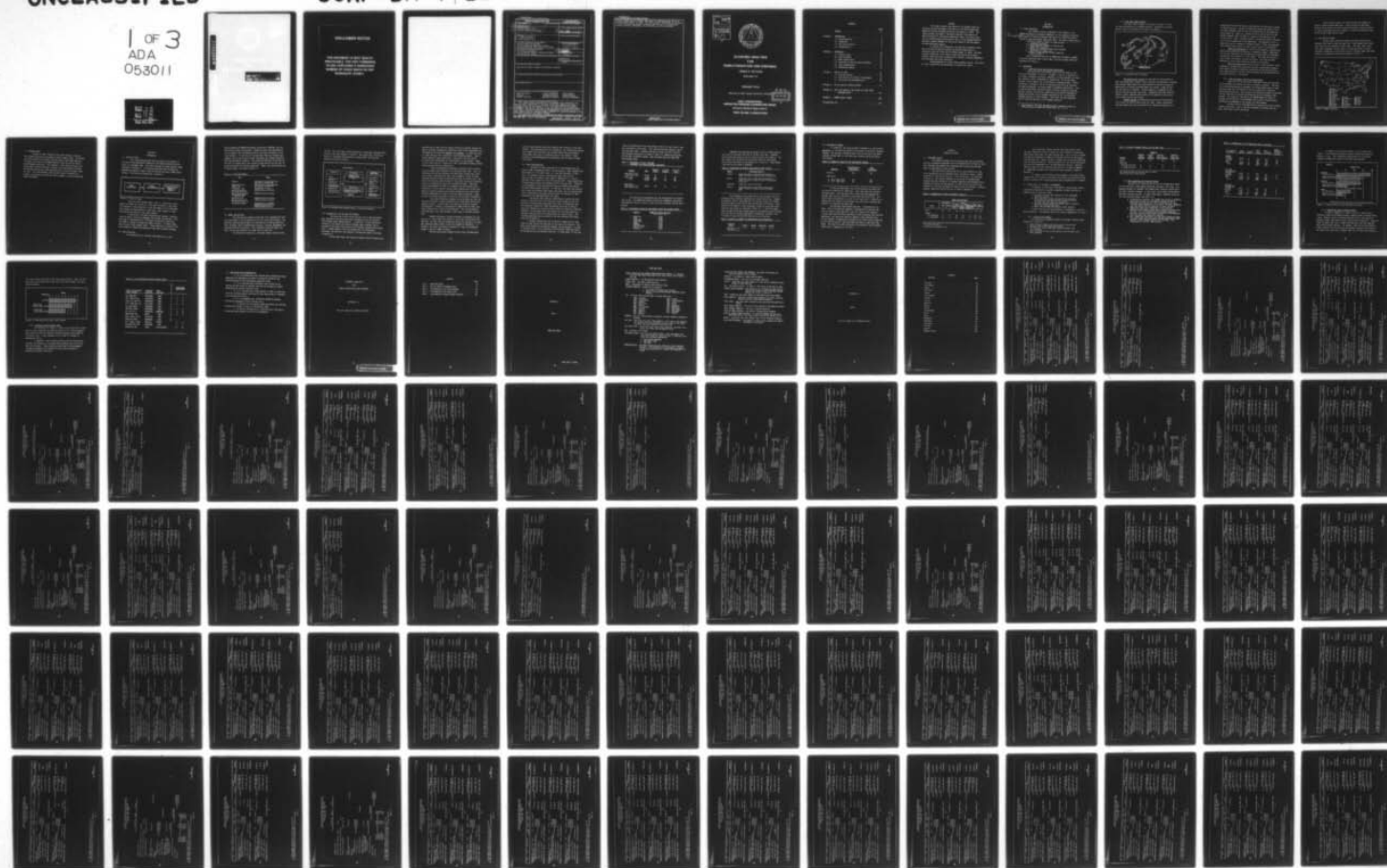
JOINT CONVENTIONAL AMMUNITION PROGRAM COORDINATING GR--ETC F/G 19/1
ECONOMIC ANALYSIS FOR DEMILITARIZATION AND DISPOSAL.(U)
JAN 78 J P WATSON

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the Demilitarization and Disposal Model which is registered under the DLSIE logistics model number, LD 37255. The model provides information in the areas of demilitarization and disposal planning, demilitarization transportation planning, inventory management, and workloading and plant operations.

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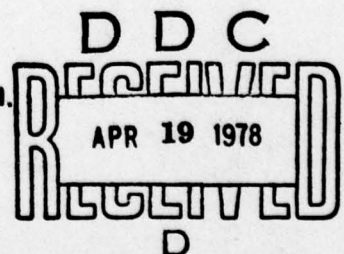
ECONOMIC ANALYSIS FOR DEMILITARIZATION AND DISPOSAL

JAMES P. WATSON

JCAP-DM-T713

JANUARY 1978

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JOINT CONVENTIONAL
AMMUNITION PROGRAM COORDINATING GROUP

DECISION MODELS DIRECTORATE

ROCK ISLAND, ILLINOIS 61299

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PREFACE

This report presents the results of an economic study conducted by the Decision Models Directorate of the Joint Conventional Ammunition Program (JCAP-DM) during the 3rd quarter of FY1977. The study provided cost-benefit information obtained from analysis of demilitarization of conventional ammunition items. The results were used by the Maintenance Directorate of the U.S. Army Armament Materiel Readiness Command (ARRCOM) for justifying funding of the FY78 demilitarization/disposal program.

To provide this information, the JCAP Decision Models Directorate utilized the Demilitarization and Disposal Model which is registered under the DLSIE Logistics Model number, LD 37255. The model provides information in the areas of demilitarization and disposal planning, demilitarization transportation planning, inventory management, and workloading and plant operations.

Acknowledgements go to Miss Connie Stoedter and Mrs. Julia Bills for their cooperation and perseverance in typing this report.

SECTION 1 INTRODUCTION

1.1 STUDY OBJECTIVES

→ This study provides This JCAP-DM study was undertaken at the request of the ARRCOM Maintenance Directorate, DRSAR-MA, for the purpose of providing cost-benefit information obtained from analysis of demilitarization (demil) of DoD conventional ammunition items. Of primary concern were:

- Costs-benefits of demil of items at the inventory locations;
- Costs-benefits of demil of items at the least-cost locations;
- Amount and value of storage space released by disposal of items; and
- Annual processing and storage inspection costs avoided.

→ This information was used by ARRCOM and forwarded to DARCOM to justify additional demil funds since a scarcity of demil funds was projected for FY78. ←

1.2 BACKGROUND

1.2.1 Demilitarization and Disposal Definitions.

Demilitarization and disposal (D/D) are final steps in the life cycle management of materiel. Disposal is the act of getting rid of records, documents and excess, obsolete, or surplus property by transfer, donation, sales, abandonment or destruction. Of the two terms, disposal is more general and, by definition, encompasses demil. Demilitarization is defined as the act of destroying the military offensive or defensive potential in certain types of equipment and material. This is done by mutilation, declassification, cutting, crushing, scrapping, melting, burning, incineration, demolition and alteration designed to prevent the further use of equipment and material for its originally intended military or lethal purpose. Thus, demil and the subsequent sale of scrap are two acts in the disposal process.¹

1. Final Report of the Joint AMC/NMC/AFLC/AFSC Commander's Panel on Disposal Ashore of Ammunition, March 1973, Vol. I of II.

1.2.2 Four Basic Demil Systems

Four basic demil systems, as depicted in Figure 1.1, are utilized by the Services at CONUS locations: deactivation furnaces, washout, open field detonation and open field burning.

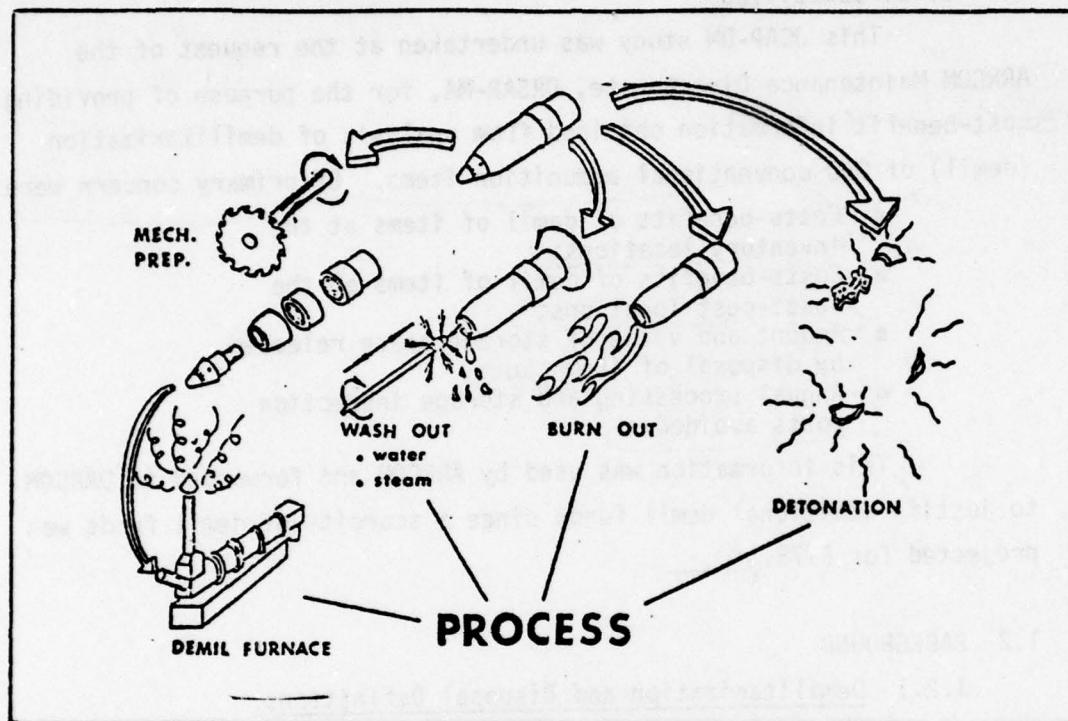


Figure 1.1 Four Basic Demil Processes

The deactivation furnace was developed for deactivation of small arms ammunition, primers, fuzes, boosters and detonators; flashing 75mm through 120mm projectiles after washout of explosive charge and deactivation of certain sectioned bombs and rockets. Items are fed into the furnace by conveyor. Furnace capacity is dependent on the type of item and conveyor feed rates. Temperature and feed rates are varied to obtain complete deactivation of the ammunition and to provide a higher quality scrap metal.

Washout systems are designed to wash out and reclaim explosive fillers and recover metal parts for reuse. Bombs, projectiles and other ammunition that are practical for washout are placed in an

upright position with the base or nose fuze well cavities over a series of waterjet nozzles. Nozzles of different diameter and angle orifices are used, depending upon the size and configuration of the ammunition being washed out. Water at a pressure of 90 to 125 psi and at a temperature between 180°F and 250°F is jetted into the opening of the filled cavity. Under a combined hydraulic and melting action, the explosive filler is washed out of the ammunition. The explosive filler is recycled to yield a reusable or saleable product. Often, the generated inert material has a market as metal scrap if reuse is not possible.

Open field detonation is used for the disposal of obsolete and deteriorated ammunition (explosives or incendiary loaded). Ammunition of very small quantities or with explosive charges which are reasonably inaccessible are disposed of in this manner. The items are placed in pits, primed, and normally covered with earth. The items are then detonated by using either electrical methods or time fuzes.

Open field burning operations consist of open burning of scrap propellants, pyrotechnics, explosives and other unserviceable combustible materials common to ammunition operations and related activities. Also, some explosive items that cannot be washed out are burned out providing the explosive is accessible.

1.2.3 Demil Equipment and Service Interactions.

Within each of the four basic techniques, there are variations in the equipment and methods utilized to accomplish disposal. The Army has a standardized system of equipment for furnace deactivation of small explosive items and the washout of artillery projectiles, bombs and other explosive devices. These furnaces and washout equipment are provided to Army installations through the Ammunition Peculiar Equipment (APE) program. This program is managed by the ARRCOM Ammunition Center at Savanna and provides for the development and testing of demil/disposal techniques and equipment at the Savanna and Tooele Depots.

The Navy utilizes both deactivation furnaces and washout systems similar to the Army. Some of the Navy equipment is obtained from the Army, while some is their own design.

The Air Force relies on the Army and Navy for disposal of excess or unserviceable ammunition. Small burning and demolition grounds can be found at Air Force activities having a need to dispose of locally generated materials; however, no significant disposal capability exists within the Air Force.

1.3 TWO LEVELS OF DEMIL

On one level, production rejects and small quantities of obsolete field service stock are demilled at Army Arsenal and Plants. This level was not addressed in this study. The other level, which this study addressed, involves demil of large quantities of excess, obsolete, unrepairable field service stock at the Army depots and Naval stations (as opposed to Arsenal and Plants), Figure 1.2.

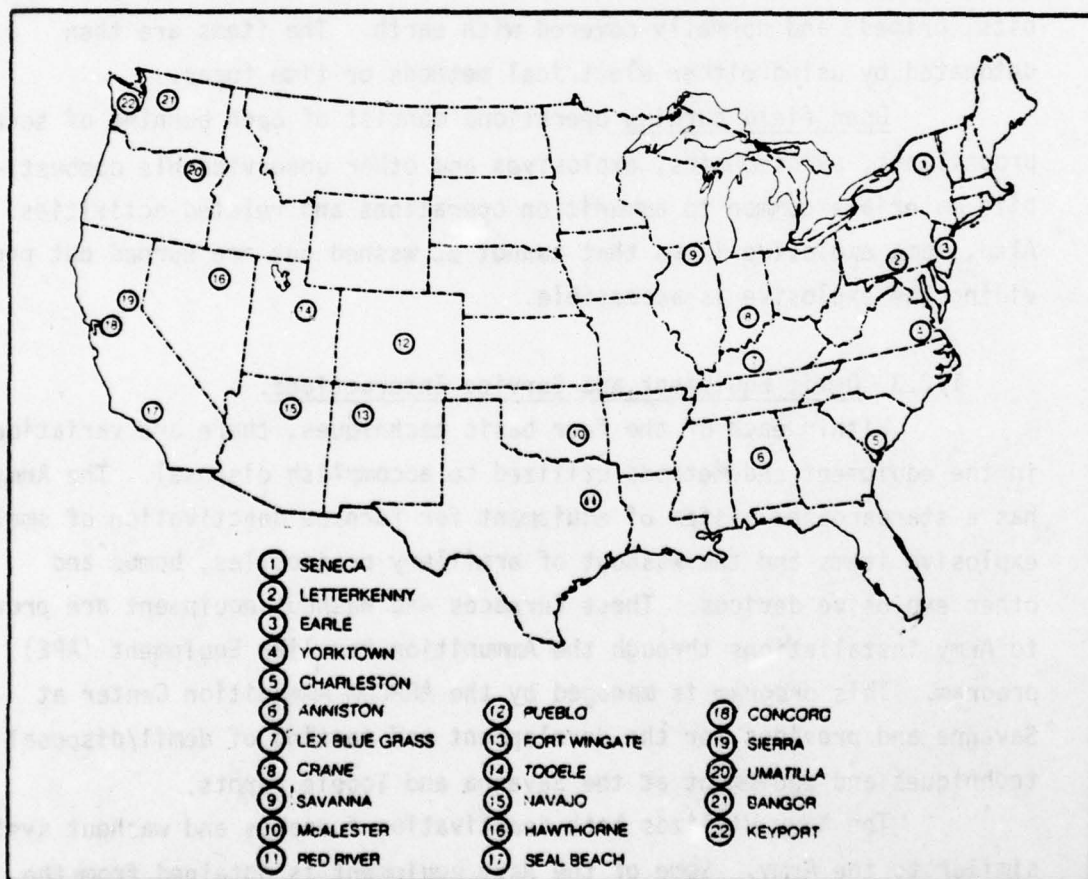


Figure 1.2 Demil Locations

1.4 FUNDING DETAIL

Funding for demil normally takes place through a revolving fund system controlled by the Defense Logistic Agency (DLA). Accounting-wise, DLA receives the receipts from the sales of reclaimed materials. In theory, the value of reclaimed material covers the cost of future demil/disposal operations. This, however, is not always the case, and future demil activity received a setback in the 2nd quarter FY77 when DLA notified the Services that there would be a scarcity of demil funds for FY78. That announcement initiated this study to determine if economic justification existed which would support a case for additional funds from DARCOM.

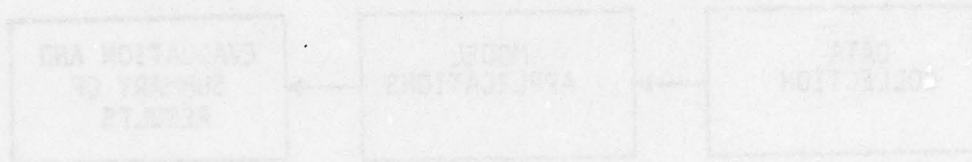


Figure 2.1 Flow of Study

Only the "high tonnage items" (those in items with a total weight of 5,000 lbs or more) were considered in the study. This enabled a large proportion of the cost-benefits to be addressed with minimum evaluation effort, since only a small number of items constituted more than half the total tonnage. In particular, the demilitarized and disposal inventory items on hand at the end of December 1976 weighed 120,000 tons. This consisted of approximately 1577 different conventional ammunition and there is storage at twenty-two COMUS locations. Of these items, only 17% were "high tonnage items". These comprised 12 percent of the total number of items and 50 percent of the total inventory tonnage.

2.2 DATA COLLECTION

The determination of the data requirements was a joint

SECTION 2

METHODOLOGY

2.1 SCOPE OF STUDY

This study addressed the demilitarization and disposal of the bulk of the conventional ammunition end items designated for disposal as of December 1976. The study followed the broad, general steps indicated in Figure 2.1. This section describes the rationale and methodology applied in Step 1, Data Collection and Step 2, Model Applications. The results are summarized in Section 3.

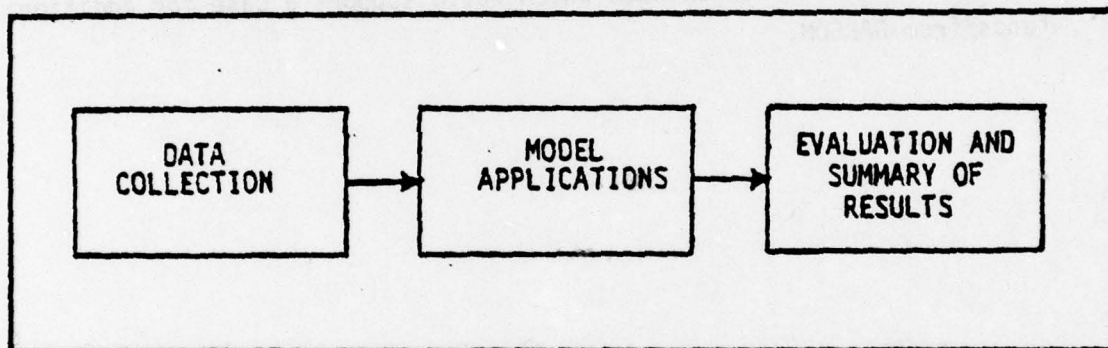


Figure 2.1 Steps of Study

Only the "high tonnage items", that is, items with a total weight of 80,000 lbs or more at a site were considered in the study. This enabled a large proportion of the cost-benefits to be addressed with minimum evaluation effort, since only a small number of items constituted more than half the total tonnage.

In particular, the demilitarization and disposal inventory items on hand at the end of December 1976 weighed 150,000 tons. This consisted of approximately 2217 different conventional ammunition end items in storage at twenty-two CONUS locations. Of these items, only 273 were "high tonnage items". These comprised 12 percent of the total number of items and 90 percent of the total inventory tonnage.

2.2 DATA COLLECTION

The determination of the data requirements was a joint

effort between the ARRCOM Maintenance Directorate, DRSAR-MA, and the JCAP Decision Models Directorate. DRSAR-MA desired the determination of two indirect cost avoidances which had not been considered in previous studies: (1) the value of storage space that was released upon disposal and (2) the value of annual processing and storage inspection which was avoided by disposal. This required additional input data for the cost of storage space, the average storage density and the cost of annual processing and storage inspection. These, plus the baseline set of model inputs, are shown in Table 2.1.

TABLE 2.1 DATA AND SOURCES

DATA	SOURCE
Inventory	JCAP Demilitarization/Disposal Handbook Volume I, December 1976
Processing Costs and Capabilities	JCAP Demilitarization/Disposal Handbook Volume II, November 1975
Transportation Cost	Demil/Disposal Task Group
Cost of Storage Space (\$31.90 per square foot)	ARRCOM Maintenance Directorate
Cost of Annual Processing and Storage Inspection (\$12.67 per ton)	ARRCOM Maintenance Directorate
Reclamation Values	ARRCOM Maintenance Directorate
Average Storage Density (7.8 square foot per ton)	ARRCOM Maintenance Directorate
Mileage between Depots	Final Report of Joint AMC/NMC/AFLC/AFSC Commander's Panel on Disposal Ashore of Ammunition, March 1973, Volume II of II

2.3 MODEL APPLICATIONS

The JCAP Decision Models Directorate first assembled the data and transformed it to the appropriate form for model applications. The Demilitarization/Disposal Model was then applied to provide demil/disposal planning, demil transportation planning, inventory management and workload planning information. This information detailed where, how much, and by what method(s) the items could be demilled.

As indicated in Figure 2.2, two major types of analysis were

applied. The first type, "On-Site Analysis", restricted item demilitarization to the item inventory locations. The second type, "Least-Cost Analysis", permitted transportation to other demil locations and obtained an optimal solution.

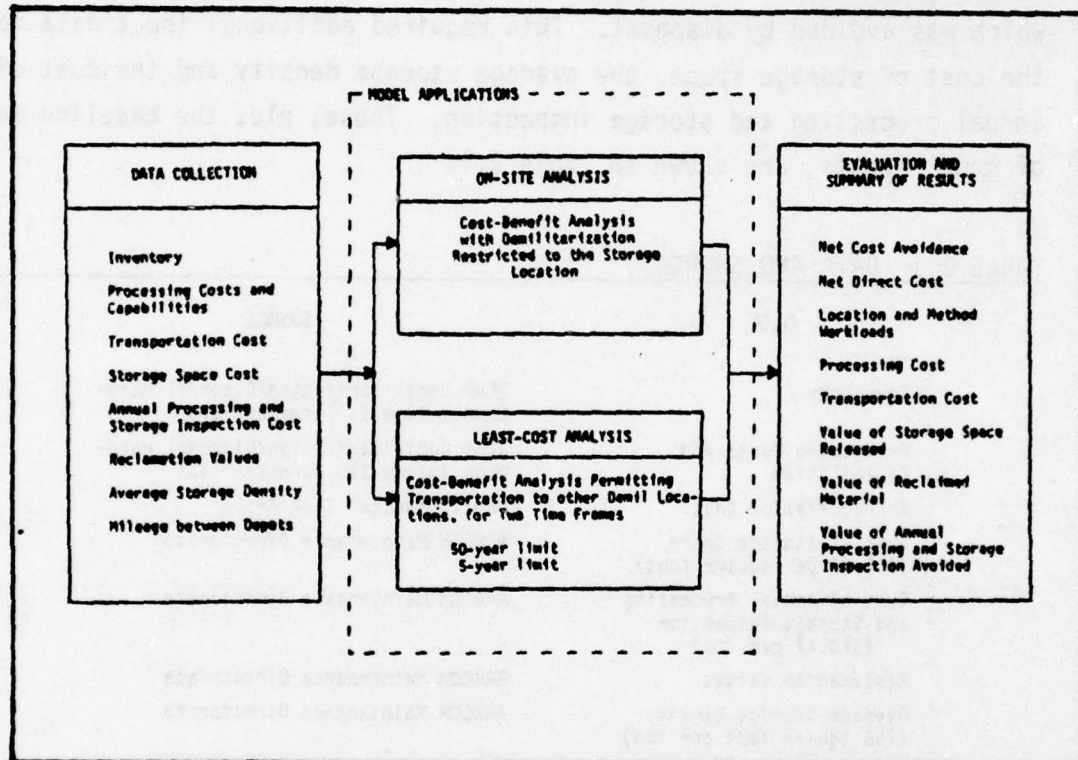


Figure 2.2 Expanded Flow Diagram Showing Alternative Analyses

2.4 DISCUSSION OF THE TWO ANALYSIS METHODS

The objective of the on-site analysis was to provide management information on the various demil processing costs and indicate the different demil method options. In addition, it also provided an estimate of the amount and value of storage space released, and an estimate of the annual costs incurred for storage inspection and processing. A COBOL program, utilizing conventional file processing techniques, was used for this analysis; the detailed results are shown in Appendix A.

On the other hand, the least-cost analysis which allowed trans-

portation of an item from its storage location to another location for demil, utilized a mathematical technique called linear programming (LP) to determine the least-cost methods and locations. To reach this step, all input data was first edited by a data conversion module. Then, a matrix generator module generated an input data file and a matrix structure that incorporated all relationships in the problem. These, in turn, were input to a commercial linear programming software package which processed the main computations.

Linear programming was designed to analyze various alternatives and choose the alternative that minimized total cost. Thus, all items were collectively analyzed; the depot demil capabilities, processing costs, transportation costs, and reclamation values for each item were optimally chosen to minimize the total net direct cost. Net direct cost was the cost minimized for each item; the sum of processing cost plus transportation cost minus reclamation value. These were direct costs-benefits of demil as opposed to the two indirect cost avoidances, (1) the value of storage space released and (2) the elimination of annual processing and storage inspection costs, which were realized independently of where or how the item was demilled. These results are further explained in Section 3 and are shown in Appendix B.

The primary difference between the two analyses was that the least-cost analysis allowed transportation of items while the on-site analysis did not. In many cases, the least-cost solution involved transportation. However, transportation of demil items to other locations seldom occurs in day-to-day operations. Thus, by considering both approaches, the study provided a wide range of planning information.

Another difference, further discussed in paragraph 2.5, was the use of a time frame within which all items were constrained to be demilled. No time limit was imposed on the on-site analysis; all items were demilled without regard to the time needed for completion. In contrast, the least-cost analysis required all items to be demilled within a specific number of years.

The next sub-section presents several other considerations

and the reasons behind these which affected the direction of the methodology. The following topics are considered: the relationship between demil capabilities and time, the rationale behind the two different time frames, the effect of incomplete data on the number of items analyzed, and the methodology and assumptions used to obtain reclamation values.

2.5 OTHER CONSIDERATIONS

The time for demil processing of an item depends upon the type of item, the method of demil, and the location. Demil capabilities were based on a 1-8-5 shift rate, i.e., one 8-hr shift/day, 5 days/week. For example, during a five-day work week with one 8-hr shift per day an average of 1000 rounds of ammunition "x" could be demilled in the furnace at site A during each shift. These capabilities differed among locations and methods even for the same item. Therefore, it was possible to vary the processing time or workload by changing the demil method and/or location. To show this, two least-cost analysis runs, using two different time frames, were made; one run required demil of all items within fifty years and the other run required all demil processing to be completed within five years.

The 50-year time frame was established to achieve the same effect as having no time limit since the results showed no facility acquired a workload which approached fifty years of processing time. This approach allowed the linear programming algorithm to seek out least-cost methods and locations and to allocate to these an "unlimited workload". On the other hand, the 5-year time limit was chosen as a standard planning period for complete demil of current assets. The resulting workloads and the effects of the two different time frames are given in Section 3.

Another consideration was to achieve a common set of study items for both the on-site analysis and the least-cost analysis. This would allow comparative evaluations between the two analyses. In order to accomplish this, it was necessary to omit certain items that could not be demilled at the inventory location. In other words, if the item

required transportation from the storage location for demil then it was not considered in this study. This assured that both analyses considered the same items. Complete data was available on 252 of the 273 high-tonnage items which, as shown in Table 2.2, comprised 59 percent of the total inventory tonnage. Both analyses used only these 252 high-tonnage items.

TABLE 2.2 BREAKDOWN OF STUDY INVENTORY
(DECEMBER 1976 DEMIL/DISPOSAL INVENTORY)

<u>CATEGORY</u>	<u>TONS</u>	<u>NUMBER OF ITEMS</u>	<u>% OF TOTAL TONNAGE</u>	<u>% OF TOTAL ITEMS</u>
High Tonnage Items (80,000 lbs & over)	136,000	273	91	12
Other Items	<u>14,000</u>	<u>1944</u>	<u>9</u>	<u>88</u>
Total	150,000	2217	100	100
Study Items (Complete data on high tonnage items)	88,826	252	59	11

The concluding consideration was the determination of reclamation values. The ARRCOM Maintenance Directorate, DRSAR-MA, identified nine materials shown in Table 2.3 that could be recovered from the demil process.

TABLE 2.3 RECOVERABLE MATERIALS AND MARKET PRICE PER SALVABLE POUND

<u>Material</u>	<u>Numbers in Dollars per Pound Price (April 1977)</u>
Propellant	0.015
Brass	0.480
Light Steel	0.014
Mixed Metal	0.150
Copper	0.150
Aluminum	0.180
Projectile Steel	0.018
Rotating Band	0.510
Explosive	0.240

DRSAR-MA then estimated the pounds of each of these materials that could be recovered from each of the 252 study items. DRSAR-MA also provided the market price per salvable pound of the material. The Demil Model then calculated the reclamation value for each method and for each item based on the assumptions in Table 2.4. These assumptions were also provided by DRSAR-MA.

TABLE 2.4 ASSUMPTIONS OF MATERIAL RECLAIMED BY DEMIL METHOD

<u>Method</u>	<u>Reclaimable Material</u>
Furnace	Propellant • Brass • Light Steel • Mixed Metal • Copper • Aluminum • Projectile Steel • Rotating Band
Washout	Propellant • Brass • Light Steel • Mixed Metal • Copper • Aluminum • Projectile Steel • Rotating Band • Explosive
Detonation	Propellant • Brass • Light Steel
Burning	Propellant • Brass • Light Steel • Mixed Metal • Copper • Aluminum • Projectile Steel • Rotating Band

The reclamation values obtained by using the above data and assumptions may be better understood by a sample calculation. Suppose for example, item "x" had propellant (9.6 lbs/rd), brass (2.9 lbs/rd), projectile steel (46.25 lbs/rd) and rotating band (1.5 lbs/rd). Using the price from Table 2.3, the reclamation values per pound were calculated for each method as indicated in Table 2.5. It should be noted that the market price per salvable pound of the materials was an average price and did not consider geographical differences; therefore, the reclamation values could differ from one locale to another.

TABLE 2.5 RESULTS OF EXAMPLE OF RECLAMATION VALUE METHODOLOGY

<u>Processing Method</u>	<u>Furnace</u>	<u>Washout</u>	<u>Detonating</u>	<u>Burning</u>
<u>Reclamation Value per round</u>	\$3.13	\$3.13	\$1.54	\$3.13

2.6 METHODOLOGY SUMMARY

To summarize, the study provided information on two planning approaches to the demilitarization of 59 percent of the total inventory tonnage. One approach considered demil only on-site while the other approach allowed demil at the least-cost location and by the least-cost method.

TABLE 2.6 SUMMARY OF ANALYSES AND CONSTRAINTS IMPOSED

<u>ANALYSIS</u>	<u>TRANSPORTATION CONSTRAINT</u>	<u>TIME CONSTRAINT</u>
On-Site	Yes	No
Least Cost		
• 50-Yr Time Limit	No	Yes
• 5-Yr Time Limit	No	Yes

Of the two approaches, the on-site analysis was made first to provide a baseline for comparison. Then, two least-cost analysis runs were made. The first had a 50-yr time limit and assessed the savings that could be realized by using lower cost facilities. The second least-cost analysis run, with a 5-yr time limit, in addition to determining the effects of using lower cost facilities, assessed the effects of a constraining time frame.

The two major constraints used were - transportation and time. The on-site analysis imposed a transportation constraint but did not impose a time constraint, thus all items at the inventory location were demilled there regardless of the processing time required. Conversely, the least-cost analysis imposed a time constraint but did not impose a transportation constraint thus items could be demilled at any location but all items were demilled within a specified time frame. The results of these approaches are provided in the following section and in Appendices A, B, and C.

SECTION 3 RESULTS OF STUDY

3.1 PRINCIPAL RESULTS

The primary finding of this study was that the cost savings and cost avoidances associated with the transportation of items to least-cost locations and methods far outweighed the savings realized when demil was performed strictly on-site.

The significant finding from the on-site analysis was that direct processing costs outweighed direct reclamation values, thereby resulting in a net direct cost of 1.3 million dollars. As indicated in Table 3.1, the indirect benefits of the value of storage space released and the elimination of storage inspection and processing costs combined to provide indirect benefits of over 23 million dollars and resulted in a net cost avoidance of nearly 22 million dollars. Detailed computer output for the on-site run is found in Appendix A.

TABLE 3.1 COMPARISON OF STUDY COST-BENEFIT RESULTS

NUMBERS IN MILLIONS OF DOLLARS							
ANALYSIS	COSTS (DIRECT)		BENEFITS			NET DIRECT COST ¹	NET COST AVOIDANCE ²
	PROCESS	TRANSPORTATION	DIRECT	INDIRECT			
			Reclamation Value	Value of Storage Space Released	Storage Inspection and Processing Cost Avoided		
ON-SITE	16.1	0.0	14.8	22.1	1.1	1.3	21.9
LEAST-COST							
• 50 - YEAR TIME LIMIT	5.0	2.2	15.8	22.4	1.1	-0.6	32.1
• 5 - YEAR TIME LIMIT	5.0	2.2	15.8	22.4	1.1	-0.6	32.1

¹Direct costs minus direct benefits.

²All benefits(direct and indirect) minus all costs.

The significant finding from the least-cost analysis runs was that transporting items to least-cost sites resulted in processing costs being three times less than those on-site. This, in turn, resulted in a net cost avoidance in excess of 32 million dollars for both least-cost analysis runs. Again, the bulk of these cost savings was identified with the indirect benefits. Indirect benefits of over 23 million dollars were realized independently of the demil/disposal location. Detailed computer output for both least-cost analysis runs is found in Appendix B. Summarized information by location for both analyses is found in Appendix C.

In summary, the difference of approximately 10 million dollars between the on-site analysis and least-cost analysis was primarily attributable to process cost savings obtainable when transportation is allowed.

3.2 OTHER RESULTS OF INTEREST TO MANAGEMENT

In addition to the overall cost-benefit results above, several significant observations of general management interest resulted, as summarized by the questions below:

- How many locations were impacted by cost avoidances and direct costs?
- Which locations account for the bulk of the demil processing and how much transfer actually occurred for them under the least-cost analysis?
- How much time was needed to complete demil processing under the different analyses?
- Which item provided the greatest direct payback?

Further discussion of these questions is presented in the next four subsections. The detailed results are given in Appendixes A, B, and C.

3.2.1 Location Cost Impacts

The following cost-benefit effects on the demil locations were identified in Table 3.2:

- more locations showed a net direct cost in the on-site analysis than in the least-cost analysis
- all locations in the least-cost analysis showed a net cost avoidance
- three locations in the on-site analysis did not show a net cost avoidance

TABLE 3.2 OVERALL ECONOMIC EFFECTS ON THE DEMIL BASE

<u>ANALYSIS</u>	<u>NUMBER OF</u>			
	<u>CANDIDATE DEMIL LOCATIONS</u>	<u>SELECTED DEMIL LOCATIONS</u>	<u>LOCATIONS WITH A NET COST AVOIDANCE¹</u>	<u>LOCATIONS WITH A NET DIRECT COST²</u>
ON-SITE	19	19	16	12
LEAST-COST				
• 50-YEAR TIME LIMIT	22	17	17	3
• 5-YEAR TIME LIMIT	22	17	17	3

¹All benefits(direct and indirect) minus all costs. .

²Direct costs minus direct benefits.

3.2.2 Main Locations and Transfer Effects

The majority of items and the bulk of the tonnage were stored at the three Navy inland depots; Hawthorne, McAlester, and Crane. The reported tonnage for December 1976 showed these locations stored 63% of the total inventory tonnage. In this study, these depots stored 92% of the total tonnage analyzed. Of these three depots, Hawthorne stood out for the following reasons (see Table 3.3):

- In the on-site analysis, the 38,000 tons stored at Hawthorne were almost as much as the combined tonnage stored at McAlester and Crane yet its total processing costs were less than either McAlester's or Crane's. Further, Hawthorne required fewer shifts to complete its demil workload.
- Under both least-cost allocations of the workload, Hawthorne again demonstrated lower average processing costs per ton. It is also noted that the average processing costs per ton were significantly reduced for both McAlester and Crane under the least-cost analysis.
- Also, under both least-cost runs the total processing costs for these three facilities were reduced approximately 600% despite a total tonnage reduction of only 30%. This translated to a 20 to 1 cost savings!

TABLE 3.3 COMPARISON OF THE THREE MAIN DEMIL LOCATIONS

TYPE OF ANALYSIS AND LOCATION	TONNAGE DEMILLED	% OF TOTAL TONNAGE	TOTAL SHIFTS REQUIRED	TOTAL PROCESSING COST (\$X10 ³)	AVERAGE PROCESSING COST PER TON (DOLLARS)
ON-SITE					
HAWTHORNE	38,186	43	3464	3430	90
McALESTER	27,781	31	4602	6190	227
CRANE	16,144	18	3978	4196	260
Totals	81,611	92	12044	13816	
LEAST-COST 50-YR TIME LIMIT					
HAWTHORNE	29,773	33	2009	949	32
McALESTER	12,553	14	712	459	37
CRANE	9,178	10	3553	1005	110
Totals	51,504	57	6274	2413	
LEAST-COST 5-YR TIME LIMIT					
HAWTHORNE	29,773	33	2009	949	32
McALESTER	12,553	14	712	459	37
CRANE	9,108	10	2992	363	95
Totals	51,434	57	5713	2271	

In regard to the transfer effects, it can be seen from Figure 3.1 that Hawthorne had more incoming tonnage than either McAlester or Crane. Also, Hawthorne retained more of its on-site inventory tonnage than either of the other two locations.

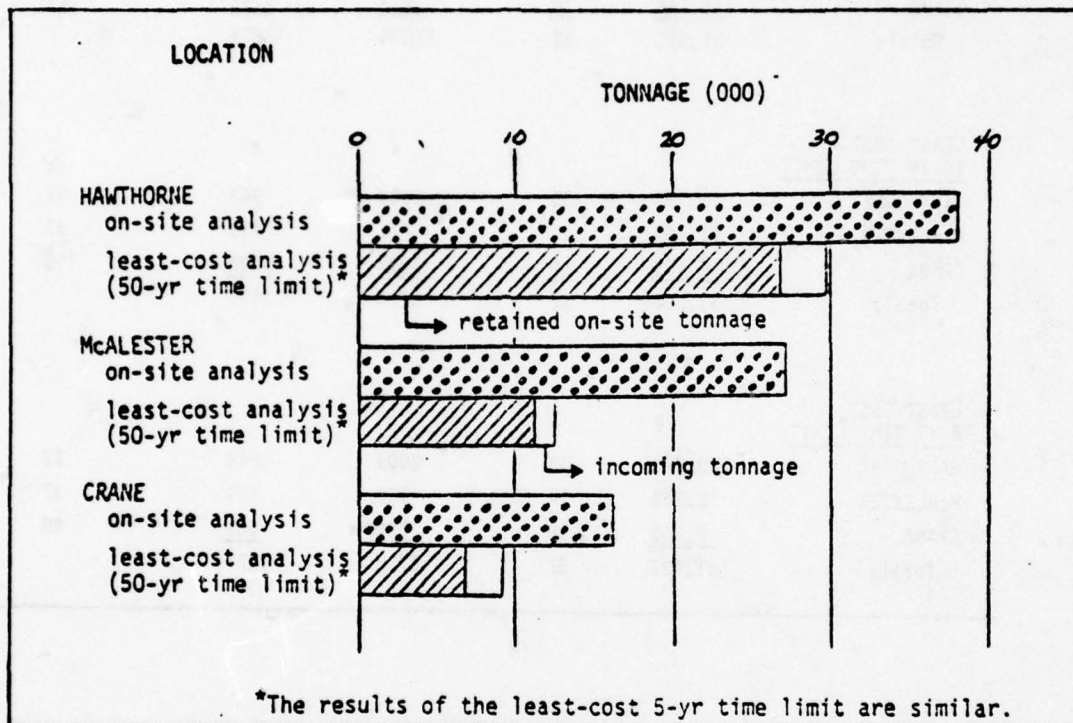


Figure 3.1 Tonnage Effects of the Three Main Locations

3.2.3 Comparative Times to Complete Demil

As shown in Appendix C, Tables C.4 and C.5, most of the locations, under the different analyses, demilled their workload within a year. However, several locations required three or more years to accomplish demil when using the most cost-effective method(s). Figure 3.2 shows the upper time limit in demil workload years that was required under the different analyses. For example, under the on-site analysis, Crane's washout facility acquired the greatest workload; over 8 years. The figure also shows that the upper time limit of the on-site analysis

was a year longer than that of the least-cost analysis. Thus, not only were the cost-savings greater when using least-cost methods, but they occurred sooner!

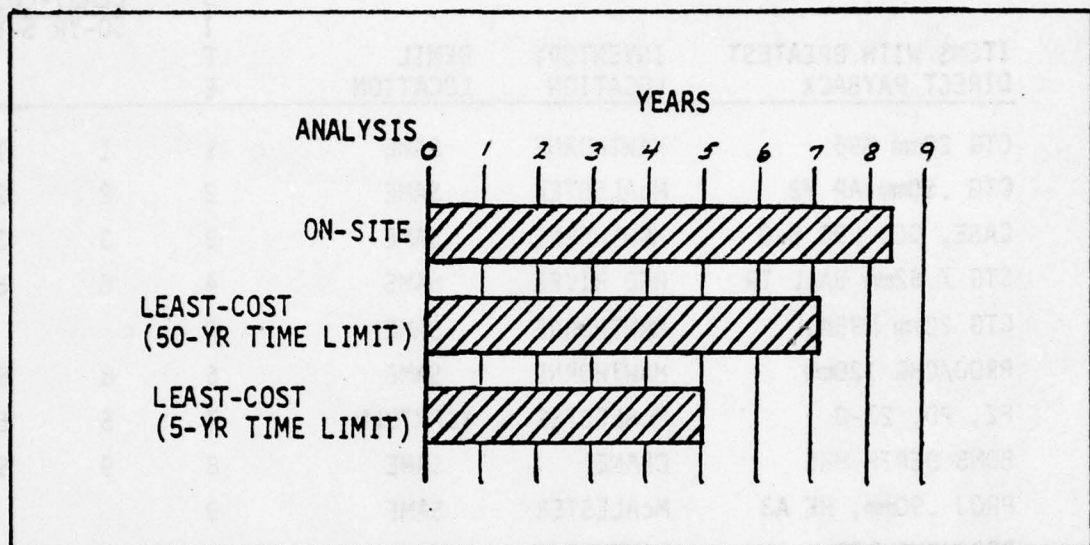


Figure 3.2 Time Required to Demil Total Tonnage

3.2.4 Greatest, Direct Payback Items

The following list Table 3.4, shows the top ten items in each analysis which indicated the greatest potential for a direct payback. These items provided the greatest difference between direct benefits and direct costs. A more complete list of items is included in Appendices A and B.

In addition to the following ranking, the on-site analysis contains two rankings; (1) by square feet released, and (2) by total net cost avoidance. These rankings provide some of the management information needed by the storage and distribution managers to establish item demil priorities.

TABLE 3.4 LIST OF GREATEST DIRECT PAYBACK ITEMS

ITEMS WITH GREATEST DIRECT PAYBACK	INVENTORY LOCATION	DEMIL LOCATION	O N S I T E	LEAST-COST	
				50-YR	5-YR
CTG 20mm M96	HAWTHORNE	SAME	1	1	1
CTG .50mm AP M2	McALESTER	SAME	2	2	2
CASE, DC, LDD 8-0	HAWTHORNE	SAME	3	3	3
CTG 7.62mm BALL TR	RED RIVER	SAME	4	6	6
CTG 20mm M95A1	HAWTHORNE	SAME	5		
PROJ/CHG 120mm	HAWTHORNE	SAME	6	8	8
FZ, PD, 27-0	McALESTER	YORKTOWN	7	5	5
BOMB DEPTH MK5	CRANE	SAME	8	9	9
PROJ .90mm, HE A3	McALESTER	SAME	9		
PROJ/CHG 120mm	HAWTHORNE	SAME	10		
CTG 7.62mm, 4-BALL	UMATILLA	KEYPORT		4	4
CTG 20mm AP-T M95	HAWTHORNE	SAME		7	7
PROJECTILE AND	CRANE	LEX-BLUEGRASS		10	10

3.3 CONCLUSIONS AND RECOMMENDATIONS

- It is concluded that this JCAP-DM study achieved the study objectives by identifying cost-benefit information related to the demilitarization of DoD conventional ammunition items.

- It is concluded that substantial cost savings can be realized by the release of storage space and the avoidance of annual processing and storage inspection costs.

- It is concluded that transportation of items to least-cost locations provides greater cost-benefits than restricting all inventory to on-site demilitarization.

- It is recommended that JCAP-DM and ARRCOM Maintenance Directorate management jointly consider plans:

1. To analyze the cost-benefits when outloading and receiving charges are included as costs of transporting items.

2. To develop information on a recurring basis from which a formalized demil/disposal plan could be implemented.

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22	ECONOMIC ANALYSIS
33	FOR
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APPENDIX A

ON-SITE ANALYSIS DETAILED OUTPUT

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PART 1 TERMS AND CODES.	29
PART 2 ON-SITE ANALYSIS PROGRAM OUTPUT.	33
PART 3 ITEM RANKING BY NET COST AVOIDANCE	147
PART 4 ITEM RANKING BY NET DIRECT COST.	157
PART 5 ITEM RANKING BY SQUARE FOOTAGE RELEASED.	167

APPENDIX A

PART 1

TERMS AND CODES

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TERMS AND CODES

ANNUAL PROCESSING AND STORAGE INSPECTION COSTS AVOIDED - an indirect realized upon demilitarization of an item; used a cost of \$12.67 per ton.

DIRECT BENEFITS - the Reclamation Value received.

DIRECT COST - the demil Processing Cost.

DODIC - Department of Defense Identification Code.

INDIRECT BENEFITS - refers to two benefits:

1. the Value of Storage Space Released
2. Annual Processing and Storage Inspection Costs Avoided

LOC - location (the location name is listed below LOC)

BAD - Anniston
BKD - Letterkenny
BPD - Pueblo
BRD - Red River
BTD - Tooele
BØ8 - Fort Wingate
B12 - Savanna
B2D - Sierra
B21 - Umatilla
B22 - Navajo

B4D - Seneca
B47 - Lex-Bluegrass
P64 - Crane
P65 - Earle
P67 - Hawthorne
P68 - McAlester
P71 - Seal Beach
P72 - Yorktown
P73 - Keyport

METHODS - the four demil/disposal processes; furnace, washout, detonation burning.

NET COST - the Total Cost minus Total Benefit. This term is the opposite of the term "net cost avoidance" which is used in the report and means the total Benefits minus Total Cost.

NET DIRECT COST - the Direct Costs minus Direct Benefits; the demil processing cost minus the reclamation value.

NSN - national stock number.

PREFERRED METHOD - the least-cost demil method. This term begins the last line of data for each item and, in addition, provides the following information:

- a. "8-HR SHIFTS REQUIRED"
- b. NET DIRECT COST
- c. NET COST

PROCESSING COST - the demil processing cost (dollars) of the inventory quantity. This is given for each method, if there is no cost data available for a method "NO CAPABILITY" is stated.

PROCESSING AND STORAGE COST AVOIDED - see Annual Processing and Storage Inspection Costs Avoided.

QUANTITY - the number of items awaiting demil.

RECLAMATION VALUE - the value of reclaimed materials.

SHIFTS - identifies the total number of 8 hour shifts required by each method at each location.

SRV - the owning service: A, Army; F, Air Force; M, Marines; N, Navy.

STORAGE SPACE RELEASED - the space (sq. ft.) released by demilitarization of the item(s); used an average storage density of 7.8 sq. ft. per ton.

TONS - identifies the total number of tons demilled by each method.

TOTAL BENEFITS - the sum of Total Direct Benefits plus Total Indirect Benefits realized from demilitarization.

TOTAL COSTS - the total demil processing cost realized from demilitarization.

TOTAL DIRECT BENEFITS - the sum of Direct Benefits (reclamation values).

TOTAL INDIRECT BENEFITS - the sum of Indirect Benefits.

VALUE OF SPACE RELEASED - see Value of Storage Space Released.

VALUE OF STORAGE SPACE RELEASED - an indirect benefit realized upon demilitarization of an item; used a value of \$31.90 per sq. ft.

WEIGHT - identifies the total weight (lbs) of the inventory quantity.

8-HR SHIFTS REQUIRED - the number of 8-hour shifts required for demilitarization of an item(s).

PAGE	LOCATION
32	Anniston
33	Latent
34	Proble
35	Red River
36	Proble
37	Port Wingate
38	Stavros
39	Stavros
40	Stavros
41	Stavros
42	Stavros
43	Stavros
44	Stavros
45	Stavros
46	Stavros
47	Stavros
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97	Stavros
98	Stavros
99	Stavros
100	Stavros

APPENDIX A

PART 2

ON-SITE ANALYSIS PROGRAM OUTPUT

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LOCATION	PAGE
Anniston.	35
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Lex-Blugrass.	60
Crane	63
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Hawthorne	85
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Yorktown.	140
Keyport	143
Summary Totals.	146

	NO CAPABILITY	NJ CAPABILITY	PROCESSING COST (\$)
INDIRECT BENEFITS			
VALUE OF STORAGE SPACE RELEASED	\$16,536.29		
PROCESSING AND STORAGE COST AVOIDED	\$345.09		

TOTAL INDIRECT BENEFITS	\$17,441.38		
STORAGE SPACE RELEASED:	520.26 SQ. FT.		
PREFERRED METHOD: BURNING	8-HR SHIFTS REQUIRED =	8.75. NET DIRECT COST =	+7,350.70
			-10,090.68
			NET DIRECT COST (\$)
			RECLAMATION VALUE (\$)
			7,963.20
			612.50
			+
			7,350.70
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			612.50
			+
			7,350.70
			+

- USED AVERAGE STORAGE DENSITY OF 7.0 SQ. FT. PER TON
- USED STORAGE SPACE VALUE OF \$31.90 PER SQ. FT.
- USED ANNUAL PROCESSING AND STORAGE COSTS OF \$12.67 PER TON

ECONOMIC EVALUATION OF DEMILITARIZATION
ON-SITE ANALYSIS OF 252 HIGH TONNAGE ITEMS
USING DEC. 1976 INVENTORY
93,000 LBS - OVER

NSM	DDIC	WOMENCLATURE	ANNISTON	LOC QTY	WEIGHT SRV	METHODS	
			(EA)	(LBS)			
137502285206	4631	CHG DEND LINEAR	840	2339	132600 A	NO CAPABILITY	NO CAPABILITY
		INDIRECT BENEFITS				PROCESSING COST (\$)	2,098.91
		VALUE OF STORAGE SPACE RELEASED				7,385.12	
		PROCESSING AND STORAGE COST AVOIDED				RECLAMATION VALUE (\$)	1,371.24
		TOTAL INDIRECT BENEFITS				NET DIRECT COST (\$)	+1,527.67
						+6,313.86	
		STORAGE SPACE RELEASED:				517.14 SQ. FT.	
		PREFERRED METHOD: BURNING				3.19, NET DIRECT COST -	-15,809.12

...

• USED AVERAGE STORAGE DENSITY OF 7.8 SQ. FT. PER TON
• USED STORAGE SPACE VALUE OF \$31.90 PER SQ. FT.
• USED ANNUAL PROCESSING AND STORAGE COSTS OF \$12.67 PER TON

JCAP
DECISION MODELS

ECONOMIC EVALUATION OF DEMILITARIZATION
ON-SITE ANALYSIS OF 252 HIGH TONNAGE ITEMS
USING DEC. 1976 INVENTORY
30,000 LBS - OVER

TOTALS FOR ANALYSIS (BAC)

NUMBER OF ITEMS 4
WEIGHT OF ITEMS FOR DEMIL (TONS) = 438.5
NO. OF 8HR SHIFTS REQUIRED FOR DEMIL = 318.31
STORAGE SPACE RELEASED = 3,420.30 SQ. FT.

COST
DIRECT COST-PROCESSING 533,112.25
TOTAL COSTS 533,112.26

BENEFITS
DIRECT RECLAMATION VALUE 1,933.74
NET DIRECT COST +631,120.52
TOTAL DIRECT BENEFITS 1,983.74

INDIRECT BENEFITS
VALUE OF SPACE RELEASED 109,107.57
ANNUAL PROCESSING AND STORAGE INSPECTION COSTS AVOIDED 5,555.79
TOTAL INDIRECT BENEFITS 114,663.36

TOTAL BENEFITS 116,647.10
NET COST +316,465.16

METHOD	SHIFTS	TONS
FURNACE	0.00	0.0
WASHOUT	0.00	0.0
DETUNATION	15.81	82.9
BURNING	902.50	355.6

* USED AVERAGE STORAGE DENSITY OF 7.8 SQ. FT. PER TON
** USED STORAGE SPACE VALUE OF \$31.90 PER SQ. FT.
*** USED ANNUAL PROCESSING AND STORAGE COSTS OF \$12.67 PER TON

ECONOMIC EVALUATION OF DEMILITARIZATION
ON-SITE ANALYSIS OF 252 HIGH TONNAGE ITEMS
USING DEC. 1976 INVENTORY
80,000 LBS - OVER

TOTALS FOR LETTERKENNY (B&D)

NUMBER OF ITEMS	3		
WEIGHT OF ITEMS FOR DEMIL (TONS)	1,013.4		
NO. OF 8HR SHIFTS REQUIRED FOR DEMIL	34.99		
STORAGE SPACE RELEASED	7,904.52 SQ. FT.		
COST			126,994.39
DIRECT COST-PROCESSING	126,994.39		
TOTAL COSTS			
BENEFITS			
DIRECT			
RECLAMATION VALUE	276,111.90		
NET DIRECT COST	-149,117.51		
TOTAL DIRECT BENEFITS		276,111.90	
INDIRECT BENEFITS			
VALUE OF SPACE RELEASED	252,154.19		
ANNUAL PROCESSING AND STORAGE INSPECTION COSTS AVOIDED	12,339.73		
TOTAL INDIRECT BENEFITS		264,993.97	
TOTAL BENEFITS			341,105.37
NET COST			-314,111.48

METHOD	SHIFTS	TONS
FURNACE	29.75	689.1
WASHOUT	0.00	0.0
DETONATION	23.24	49.4
BURNING	32.00	274.9

• USED AVERAGE STORAGE DENSITY OF 7.8 SQ. FT. PER TON
• USED STORAGE SPACE VALUE OF \$31.90 PER SQ. FT.
• USED ANNUAL PROCESSING AND STORAGE COSTS OF \$12.67 PER TON

ECOLOGIC EVALUATION OF DEMILITARIZATION
ON-SITE ANALYSIS OF 252 HIGH TOXICITY ITEMS
USING DEC. 1976 INVENTORY
90,000 LBS - OVER

TOTALS FOR PJ59-3 (500)

NUMBER OF ITEMS 1

WEIGHT OF ITEMS FOR DEMIL (TONS) = 45.5

NO. OF 8HR SHIFTS REQUIRED FOR DEMIL = 3.32

STORAGE SPACE RELEASED = 354.90 SQ. FT.

COST
DIRECT COST-PROCESSING 2,587.52
TOTAL COSTS 2,587.52

BENEFITS
DIRECT
REDEMPTION VALUE .00
NET DIRECT COST +2,587.52

TOTAL DIRECT BENEFITS .00

INDIRECT BENEFITS
VALUE OF SPACE RELEASED 11,321.31
ANNUAL PROCESSING AND
STORAGE INSPECTION
COSTS AVOIDED 576.49

TOTAL INDIRECT BENEFITS 11,897.80

TOTAL BENEFITS 11,897.80

NET COST -9,310.28

METHOD	SHIFTS	TONS
FURNACE	3.00	3.00
ASHDUT	3.00	3.00
DETUNATION	3.32	45.5
BURNING	0.00	0.00

- * USED AVERAGE STORAGE DENSITY OF 7.8 SQ. FT. PER TON
- ** USED STORAGE SPACE VALUE OF \$31.90 PER SQ. FT.
- *** USED ANNUAL PROCESSING AND STORAGE COSTS OF \$12.67 PER TON

ECONOMIC EVALUATION OF DEMILITARIZATION
ON-SITE ANALYSIS OF 252 HIGH TENNAGE ITEMS
JUSING DEC. 1976 INVENTORY
80,000 LBS - OVER

NSN	DDIC	NONEXCLATURE	RED RIVER (EA)	LUC QUANTITY (LBS)	FURNACE	MASHJBT	DETONATION	BURNING
13050069308	A131	CTS 7.5244 BALL TK	BRD	352334	83000 A			
INDIRECT BENEFITS								
VALUE OF STORAGE SPACE RELEASED \$10,326.03								
PROCESSING AND STORAGE COST AVOIDED \$525.31								
TOTAL INDIRECT BENEFITS \$10,351.84								
STORAGE SPACE RELEASED: 323.70 SQ. FT.								
PREFERRED METHOD: FURNACE , 8-HR SHIFTS REQUIRED = 0.90, NET DIRECT COST = -345,159.08, NET COST = -356,010.92								
1310000391304	B559	CTS 4044 HEI-T MX11	BRD	18471	133000 A			
INDIRECT BENEFITS								
VALUE OF STORAGE SPACE RELEASED \$16,546.53								
PROCESSING AND STORAGE COST AVOIDED \$942.56								
TOTAL INDIRECT BENEFITS \$17,339.09								
STORAGE SPACE RELEASED: 510.70 SQ. FT.								
PREFERRED METHOD: BURNING , 8-HR SHIFTS REQUIRED = 3.08, NET DIRECT COST = -14,222.67, NET COST = -31,611.76								
1315000284317	C499	CTS 10544 S4C WP M32	BRD	1500	120000 A			
INDIRECT BENEFITS								
VALUE OF STORAGE SPACE RELEASED \$14,329.20								
PROCESSING AND STORAGE COST AVOIDED \$750.20								
TOTAL INDIRECT BENEFITS \$15,639.40								
STORAGE SPACE RELEASED: 468.00 SQ. FT.								
PREFERRED METHOD: BURNING , 8-HR SHIFTS REQUIRED = 0.40, NET DIRECT COST = -2,099.20, NET COST = -17,788.60								

- * USED AVERAGE STORAGE DENSITY OF 7.8 SQ. FT. PER TON
- ** USED STORAGE SPACE VALUE OF \$31.90 PER SQ. FT.
- *** USED ANNUAL PROCESSING AND STORAGE COSTS OF \$12.67 PER TON

ECONOMIC EVALUATION OF DEMILITARIZATION
ON-SITE ANALYSIS OF 252 HIGH TONNAGE ITEMS
USING DEC. 1976 INVENTORY
80,000 LBS - OVER

TOTALS FOR RED RIVER (BRD)
.....

NUMBER OF ITEMS 5
WEIGHT OF ITEMS FOR DEMIL (TNS) = 544.7
NO. OF 34R SHIFTS REQUIRED FOR DEMIL = 37.06
STORAGE SPACE RELEASED = 4,248.55 SQ. FT.

COST
DIRECT COST-PROCESSING 43,969.02
TOTAL COSTS 43,969.02

BENEFITS
DIRECT
RECLAMATION VALUE 375,151.00
NET DIRECT COST -331,181.98

TOTAL DIRECT BENEFITS 375,151.00

INDIRECT BENEFITS
VALUE OF SPACE RELEASED 135,532.25
ANNUAL PROCESSING AND
STORAGE INSPECTION
COSTS AVOIDED 6,901.35

TOTAL INDIRECT BENEFITS 142,433.61

TOTAL BENEFITS 517,584.61

NET COST -473,515.59

METHOD	SHIFTS	TNS
FURNACE	0.00	41.5
ASHOUT	7.21	215.1
DETUNATION	0.00	0.0
BURNING	29.85	287.1

* USED AVERAGE STORAGE DENSITY OF 7.8 SQ. FT. PER TON
** USED STORAGE SPACE VALUE OF \$31.90 PER SQ. FT.
*** USED ANNUAL PROCESSING AND STORAGE COSTS OF \$12.67 PER TON

JCAP
DECISION MODELS

ECOLOGICAL EVALUATION OF DEMILITARIZATION
ON-SITE ANALYSIS OF 252 HIGH TONNAGE ITEMS
USING DEC. 1976 INVENTORY
83,000 LBS - DIVER

NSN	DDIC	WVENCLOSURE	CODE	LDC	QTY	WEIGHT	SRV	FURNACE	WASHOUT	METHODS	DETONATION	BURNING
					(EA)	(LBS)						
137500285208	W431	C45	DEAD	LINEAR	8TD	8593	509600 A			PROCESSING COST (\$)	9,102.89	9,550.06
INDIRECT BENEFITS												
VALUE OF STORAGE SPACE RELEASED												
PROCESSING AND STORAGE COST AVOIDED												
TOTAL INDIRECT BENEFITS												
STORAGE SPACE RELEASED: 1,987.44 SQ. FT.												
PREFERRED METHOD: DETONATION, 8-HR SHIFTS REQUIRED = 8.28, NET DIRECT COST =												
NET DIRECT COST (\$)												
+4,110.32, NET COST =												
+4,565.58												
-62,517.34												

- * USED AVERAGE STORAGE DENSITY OF 7.8 SQ. FT. PER TON
- ** USED STORAGE SPACE VALUE OF \$31.90 PER SQ. FT.
- *** USED ANNUAL PROCESSING AND STORAGE COSTS OF \$12.67 PER TON

ECONOMIC EVALUATION OF DEMILITARIZATION
ON-SITE ANALYSIS OF 252 HIGH TONNAGE ITEMS
USING DEC. 1976 INVENTORY
90,000 LBS - OVER

TOTALS FOR YUOLE (BYD)

NUMBER OF ITEMS 1

WEIGHT OF ITEMS FOR DEMIL (TONS) = 254.8

NO. OF 8-HR SHIFTS REQUIRED FOR DEMIL = 8.28

STORAGE SPACE RELEASED = 1,987.44 SQ. FT.

COST
DIRECT COST-PROCESSING 9,102.89
TOTAL COSTS 9,102.89

BENEFITS
DIRECT
RECLAMATION VALUE 4,332.57
NET DIRECT COST 4,110.32

TOTAL DIRECT BENEFITS 4,992.57

INDIRECT BENEFITS
VALUE OF SPACE RELEASED 63,399.34
ANNUAL PROCESSING AND
STORAGE INSPECTION
COSTS AVOIDED 3,229.32

TOTAL INDIRECT BENEFITS 66,627.66

TOTAL BENEFITS 71,520.23

NET COST -62,517.34

METHOD	SHIFTS	TONS
EXHAUST	3.00	3.00
WASHOUT	3.00	0.00
DETODATION	8.28	254.80
BURNING	3.00	3.00

* USED AVERAGE STORAGE DENSITY OF 7.8 SQ. FT. PER TON
** USED STORAGE SPACE VALUE OF \$31.90 PER SQ. FT.
*** USED ANNUAL PROCESSING AND STORAGE COSTS OF \$12.67 PER TON

JCAP
DECISION MODELS

ECONOMIC EVALUATION OF DEMILITARIZATION
ON-SITE ANALYSIS OF 252 HIGH TONNAGE ITEMS
USING DEC. 1976 INVENTORY
80,000 LBS - OVER

TOTALS FOR FORT AINSWORTH (1976)

NUMBER OF ITEMS	1		
WEIGHT OF ITEMS FOR DEMIL (TJNS)	46.5		
NO. OF 84R SHIFTS REQUIRED FOR DEMIL	1.54		
STORAGE SPACE RELEASED	352.70 SQ. FT.		
COST			
DIRECT COST-PROCESSING	4,891.75		
TOTAL COSTS			4,891.76
BENEFITS			
DIRECT			
RECLAMATION VALUE	.00		
NET DIRECT COST	4,891.75		
TOTAL DIRECT BENEFITS			.00
INDIRECT BENEFITS			
VALUE OF SPACE RELEASED	11,570.13		
ANNUAL PROCESSING AND STORAGE INSPECTION COSTS AVOIDED	539.15		
TOTAL INDIRECT BENEFITS			12,159.29
TOTAL BENEFITS			12,159.29
NET COST			-7,267.53
METHOD	SHIFTS	TJNS	
FURNACE	3.00	9.0	
WASHOUT	3.00	9.0	
DEFUNATION	1.54	46.5	
BURNING	3.00	9.0	

• USED AVERAGE STORAGE DENSITY OF 7.8 SQ. FT. PER TJNS
• USED STORAGE SPACE VALUE OF \$31.90 PER SQ. FT.
• USED ANNUAL PROCESSING AND STORAGE COSTS OF \$12.67 PER TJNS

ECOLOGIC EVALUATION OF DEMILITARIZATION
ON-SITE ANALYSIS OF 252 HIGH TOXICITY ITEMS
USING DEC. 1976 INVENTORY
90,000 LBS - OVER

TOTALS FOR SAVANNA (9121)

NUMBER OF ITEMS	1		
WEIGHT OF ITEMS FOR DEMIL (TONS) =	45.0		
NO. OF 8HR SHIFTS REQUIRED FOR DEMIL =	3.93		
STORAGE SPACE RELEASED =	358.80 SQ. FT.		
COST			
DIRECT COST-PROCESSING	5,238.33		
TOTAL COSTS			5,238.38
BENEFITS			
DIRECT			
RECLAMATION VALUE	19,037.10		
NET DIRECT COST	-13,798.72		
TOTAL DIRECT BENEFITS			19,037.10
INDIRECT BENEFITS			
VALUE OF SPACE RELEASED	11,445.72		
ANNUAL PROCESSING AND STORAGE INSPECTION COSTS AVOIDED	532.32		
TOTAL INDIRECT BENEFITS			12,028.54
TOTAL BENEFITS			31,065.64
NET COST			-25,927.26
METHOD	SHIFTS	TONS	
FURNACE	3.00	3.0	
WASHOUT	3.00	0.0	
DETUNATION	3.00	0.0	
BURNING	3.93	46.0	

* USED AVERAGE STORAGE DENSITY OF 7.8 SQ. FT. PER TON
** USED STORAGE SPACE VALUE OF \$31.90 PER SQ. FT.
*** USED ANNUAL PROCESSING AND STORAGE COSTS OF \$12.67 PER TON

JCAP
DECISION MODELS

USN	DDIC	WVENCLOSURE	SIERRA	LDC	QUANTITY	HEIGHT	SRV	WASHCJT	DETOMATION	BURNING
					(EA)	(LBS)				
130500285174	4209	CTS	API	B20	1351150	104800	A			
INDIRECT BENEFITS										
VALUE OF STORAGE SPACE RELEASED										
PROCESSING AND STORAGE COST AVOIDED										
TOTAL INDIRECT BENEFITS										
STORAGE SPACE RELEASED: 408.72 SQ. FT.										
PREFERRED METHOD: FURNACE, 9-HR SHIFTS REQUIRED = 2.13, NET DIRECT COST = -13,543.44, NET COST = -27,245.52										

PREFERRED METHOD: FURNACE	9-HR SHIFTS REQUIRED =	2.13,	NET DIRECT COST =	-13,563.44,	NET COST =	-27,245.52

130500206430 4576 CTG CAL 50 49	B2D	35935	143900 A			
INDIRECT BENEFITS				PROCESSING COST (\$)		
VALUE OF STORAGE SPACE RELEASED		\$17,990.15		NO CAPABILITY		NO CAPABILITY
PROCESSING AND STORAGE COST AVOIDED		\$910.97		RECLAMATION VALUE (\$)		

TOTAL INDIRECT BENEFITS		\$19,901.13		NET DIRECT COST (\$)		
STORAGE SPACE RELEASED:	560.82 SQ. FT.					
				-18,517.11		
PREFERRED METHOD: FURNACE	9-HR SHIFTS REQUIRED =	3.27,	NET DIRECT COST =	-18,517.11,	NET COST =	-37,310.24

PREFERRED METHOD#:	FURNACE		9-HR SHIFTS REQUIRED =	3.27,	NET DIRECT COST =	-10,517.11,	NET COST =	-37,310.24

1305055458	4545	CTG CAL 5D A>I M9 LK B2D	1133650	470400 A				
INDIRECT BENEFITS						PROCESSING COST (\$)		
VALUE OF STORAGE SPACE RELEASED					\$58,522.46	ND CAPABILITY	ND CAPABILITY	
PROCESSING AND STORAGE COST AVOIDED					\$2,979.98	RECLAMATION VALUE (\$)		

TOTAL INDIRECT BENEFITS					\$61,502.44			
STORAGE SPACE RELEASED;					1,834.56	SD.	FT.	
						NET DIRECT COST (\$)		
						-61,730.58		
PREFERRED METHOD#:	FURNACE		9-HR SHIFTS REQUIRED =	10.31,	NET DIRECT COST =	-61,730.50,	NET COST =	-123,241.02

- * USED AVERAGE STORAGE DENSITY OF 7.8 SQ. FT. PER TDV
- ** USED STORAGE SPACE VALUE OF \$31.90 PER SQ. FT.
- *** USED ANNUAL PROCESSING AND STORAGE COSTS OF \$12.67

ECONOMIC EVALUATION OF DEMILITARIZATION
ON-SITE ANALYSIS OF 252 HIGH TONNAGE ITEMS
USING DEC. 1976 INVENTORY
30,000 LBS - OVER

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*****
*  VSN  DDIC  W4ENC4RJE  SIERRA  LDC  QJANTITY  AELGAT  SVR  *  FURNACE  DETONATION  BURNING  *
*  *****  *****  *****  *****  *****  *****  *****  *****  *****  *****  *
130503022150 A131 CTG 7.5244 3ALL TR L 820 1075174 103500 A 5,004.21 105,756.46 160,134.69
INDIRECT BENEFITS
VALUE OF STORAGE SPACE RELEASED $12,338.33
PROCESSING AND STORAGE COST AVOIDED $556.31
TOTAL INDIRECT BENEFITS $13,545.19
STORAGE SPACE RELEASED: 406.04 SQ. FT.
PREFERRED METHOD: FURNACE , 8-HR SHIFTS REQUIRED = 1.68, NET DIRECT COST = -18,090.48, NET COST = -31,635.67
*****

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*****
130503022558 4947 CTG 2044 L40 820 148752 117500 A 49,406.49 14,756.20 22,134.30
INDIRECT BENEFITS
VALUE OF STORAGE SPACE RELEASED $14,530.52
PROCESSING AND STORAGE COST AVOIDED $745.00
TOTAL INDIRECT BENEFITS $15,375.52
STORAGE SPACE RELEASED: 458.64 SQ. FT.
PREFERRED METHOD: FURNACE , 8-HR SHIFTS REQUIRED = 22.14, NET DIRECT COST = +11,995.36, NET COST = -3,380.26
*****

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*****
1390000224906 V330 FZ PT DET 820 25734 99400 A 8,567.22 1,370.69 160,134.69
INDIRECT BENEFITS
VALUE OF STORAGE SPACE RELEASED $12,356.35
PROCESSING AND STORAGE COST AVOIDED $529.70
TOTAL INDIRECT BENEFITS $12,986.05
STORAGE SPACE RELEASED: 387.66 SQ. FT.
PREFERRED METHOD: FURNACE , 8-HR SHIFTS REQUIRED = 3.84, NET DIRECT COST = +184.17, NET COST = -12,811.88
*****

```

* USED AVERAGE STORAGE DENSITY OF 7.8 SQ. FT. PER TON
 ** USED STORAGE SPACE VALUE OF \$31.90 PER SQ. FT.
 *** USED ANNUAL PROCESSING AND STORAGE COSTS OF \$12.67 PER TON

JCAP
DECISION MODELS

ECONOMIC EVALUATION OF DEMILITARIZATION
ON-SITE ANALYSIS OF 252 HIGH TONNAGE ITEMS
USING DEC. 1976 INVENTORY
90,000 LBS - OVER

TOTALS FOR SIERRA (320)

NUMBER OF ITEMS 5

WEIGHT OF ITEMS FOR DEMIL (TNS) = 519.8

NO. OF 8HR SHIFTS REQUIRED FOR DEMIL = 43.37

STORAGE SPACE RELEASED = 4,054.44 SQ. FT.

COST

DIRECT COST-PROCESSING

96,249.74

96,249.74

TOTAL COSTS

BENEFITS

DIRECT

RECLAMATION VALUE

195,959.82

NET DIRECT COST

-99,710.08

TOTAL DIRECT BENEFITS

195,959.82

INDIRECT BENEFITS

VALUE OF SPACE RELEASED

129,336.64

ANNUAL PROCESSING AND

STORAGE INSPECTION

6,585.97

COSTS AVOIDED

TOTAL INDIRECT BENEFITS

135,922.51

TOTAL BENEFITS

331,882.33

NET COST

-235,632.59

METHOD	SHIFTS	TONS
EXTRACASE	43.37	519.8
WASHOUT	0.00	0.0
DEFUNATION	0.00	0.0
BURNING	0.00	0.0

* USED AVERAGE STORAGE DENSITY OF 7.8 SQ. FT. PER TON
** USED STORAGE SPACE VALUE OF \$31.90 PER SQ. FT.
*** USED ANNUAL PROCESSING AND STORAGE COSTS OF \$12.67 PER TON

[illegible]

1335004693055	AL31	CTS	7.5244	4	6ALL-1	521	7133830	745400	A	PRCESSING COST (\$)	
INDIRECT BENEFITS										NO CAPABILITY	3,562,087.23
										50,126.41	615,507.98

	VALUE OF STORAGE SPACE RELEASED	RECLAMATION VALUE (\$)
PROCESSING AND STORAGE COST AVOIDED	\$3,108.44	NONE
	\$4,741.11	NONE
	*****	154,154.35

TOTAL INDIRECT BENEFITS	\$97,349.55	
STORAGE SPACE RELEASED:	2,918,765.22	FT.
	-34,035.94	
NET DIRECT COST (\$)	+3,562,087.23	
	+615,507.98	

PREFERRED METHOD: FURNACE , 8-HR SHIFTS REQUIRED = 22.45, NET DIRECT COST = -94,035.94, NET COST = -191,885.49

•

330505421196	4127	CTS	7.5244	4	CALL-1	321	22992200	236600	A	192,444.71	VS CAPABILITY	11,600,692.37	PROCESSING COST (\$)	1,963,971.70
INDIRECT BENEFITS														

VALUE OF STORAGE SPACE PROCESSING AND STORAGE COST AVOIDED	RECLAMATION VALUE (\$)
\$29,534.23	NONE
\$1,511.53	364,556.29

TOTAL INDIRECT BENEFITS	\$31,135.75		
STORAGE SPACE RELEASED:	930.54 SQ. FT.	-172,211.58	NET DIRECT COST (\$)
			+11,430,682.37
			\$1,969,971.70

PREFERRED METHOD: FURNACE , 9-HR SHIFTS REQUIRED = 71.05, NET DIRECT COST = -172,211.50, NET COST = -203,407.34

	INDIRECT BENEFITS	NO CAPABILITY	PROCESSING COST (\$)	NO CAPABILITY
331500254592 C032 CT5 7544 S45 WP	B21	8473	305200 A	
				103,774.62 NO CAPABILITY

	RECLAMATION VALUE (\$)
VALUE OF STORAGE SPACE RELEASED	\$37,959.93
PROCESSING AND STORAGE COST AVOIDED	\$1,933.44

	1,253.30

TOTAL INDIRECT BENEFITS	\$39,903.37
STORAGE SPACE BENEFITS:	1,100,285.71 FT.
NET DIRECT COST (\$)	\$102,521.32

PREFERRED METHOD: DETONATION. A-HR SHIFTS REQUIRED = 40.45. NET DIRECT COST = \$102,521.32. NET COST = \$62,617.95

...

- USED AVERAGE STORAGE DENSITY OF 7.0 SZ. FT. PER TON
- USED STORAGE SPACE VALUE OF \$31.93 PER SQ. FT.

USED ANNUAL PROCESSING AND STORAGE COSTS OF \$12.57 PER TON

DECISION MODELS

TOTALS FOR UMATILLA (321)

WEIGHT OF ITEMS FOR DEWIL (TENS) = 546.1

STJRA3= SPACE RELEASE = 5,339.59 SQ. FT.

DIRECT COST-PROCESSING

REVIEWS

RECLAMATION VALJÉ

TOTAL DIRECT REVENUES

VALUE OF SPACE RELEASED

STORAGE INSTRUCTIONS

TOTAL INDIRECT BENEFITS

15CJ 13N

2144787

WAS-301

3 JOURNAL

• USED STORAGE SPACE VALUE OF \$31.90 PER SQ. FT.

0000 USED ANNUAL PROCESSING AND STORAGE COSTS OF \$12.67 PER TON

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**JCAP
DECISION MODELS**

ECOLOGICAL EVALUATION OF DEMILITARIZATION
ON-SITE ANALYSIS OF 252 HIGH TONNAGE ITEMS
USING DEC. 1976 INVENTORY
90,000 LBS - OVER

TOTALS FOR NAVAJO (822)

NUMBER OF ITEMS 1
WEIGHT OF ITEMS FOR DEMIL (TONS) = 442.5
NO. OF 84R SHIFTS REQUIRED FOR DEMIL = 12.87
STORAGE SPACE RELEASED = 3,451.50 SQ. FT.

COST
DIRECT COST-PROCESSING 33,909.22
TOTAL COSTS 33,909.22

BENEFITS
DIRECT
RECLAMATION VALUE 55,236.29
NET DIRECT COST -21,177.07

TOTAL DIRECT BENEFITS 55,086.29

INDIRECT BENEFITS
VALUE OF SPACE RELEASED 110,102.35
ANNUAL PROCESSING AND
STORAGE INSPECTION
COSTS AVOIDED 5,505.43

TOTAL INDIRECT BENEFITS 115,709.33

TOTAL BENEFITS 170,795.62

NET COST -136,886.60

NET-HD	SHIFTS	TONS
FURNACE	3.00	3.0
WASHOUT	12.87	442.5
DEMOLITION	3.00	3.0
BURNING	3.00	3.0

* USED AVERAGE STORAGE DENSITY OF 7.8 SQ. FT. PER TON
** USED STORAGE SPACE VALUE OF \$31.90 PER SQ. FT.
*** USED ANNUAL PROCESSING AND STORAGE COSTS OF \$12.67 PER TON

ECONOMIC EVALUATION OF DEMILITARIZATION
ON-SITE ANALYSIS OF 252 HIGH TENNAGE ITEMS
USING DEC. 1976 INVENTORY
30,000 LBS - OVER

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*****
NSN      DDDIC  ADMENCLATURE  SENeca  (251)  (LBS)  FURNACE  WASHJIT  DETONATION  BURNING  *
*****
1315000254321  C500 CTS 10544 47422  840  1554  35000 A  VJ CAPABILITY  VJ CAPABILITY  PROCESSING COST ($)  7,829.22
INDIRECT BENEFITS
VALUE OF STORAGE SPACE RELEASED  $10,574.35
PROCESSING AND STORAGE COST AVOIDED  $538.48
TOTAL INDIRECT BENEFITS  $11,113.33
STORAGE SPACE RELEASED:  331.50 SQ. FT.
PREFERRED METHOD: BURNING , 3-HR SHIFTS REQUIRED =  7.96, NET DIRECT COST =  +6,496.98, NET COST =  -4,616.35

```

* USED AVERAGE STORAGE DENSITY OF 7.8 SQ. FT. PER TON
 ** USED STORAGE SPACE VALUE OF \$31.90 PER SQ. FT.
 *** USED ANNUAL PROCESSING AND STORAGE COSTS OF \$12.67 PER TON

JCAP
DECISION MODELS

ECONOMIC EVALUATION OF DEMILITARIZATION
ON-SITE ANALYSIS OF 252 HIGH TONNAGE ITEMS
USING DEC. 1976 INVENTORY
50,000 LBS - OVER

NUMBER OF ITEMS 1
WEIGHT OF ITEMS FOR DEMIL (TLNS) = 42.5
NO. OF 8-HR SHIFTS REQUIRED FOR DEMIL = 7.96
STORAGE SPACE RELEASED = 331.50 SQ. FT.

TOTALS FOR SENECA (B4D)

COST
DIRECT COST-PROCESSING 7,329.22
TOTAL COSTS 7,829.22

BENEFITS
DIRECT
RECLAMATION VALUE 1,332.24
NET DIRECT COST +6,496.98

TOTAL DIRECT BENEFITS 1,332.24

INDIRECT BENEFITS
VALUE OF SPACE RELEASED 10,574.35
ANNUAL PROCESSING AND
STORAGE INSPECTION
COSTS AVOIDED 538.43

TOTAL INDIRECT BENEFITS 11,113.33

TOTAL BENEFITS 12,445.57
NET COST -4,616.35

METHOD	SHIFTS	TLNS
FURNACE	0.00	0.0
WASHOUT	0.00	0.0
DETONATION	0.00	0.0
BURNING	7.96	42.5

- * USED AVERAGE STORAGE DENSITY OF 7.8 SQ. FT. PER TON
- ** USED STORAGE SPACE VALUE OF \$31.90 PER SQ. FT.
- *** USED ANNUAL PROCESSING AND STORAGE COSTS OF \$12.67 PER TON

ECONOMIC EVALUATION OF DEMILITARIZATION
ON-SITE ANALYSIS OF 252 HIGH TONNAGE ITEMS
JUSING DEC. 1976 INVENTORY
87,000 LBS - OVER

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*****
* NSN DDDIC W4MENC47RE LQC QJANTITY WEIGHT SRV * METHOD *
* * * * * LEXINGTON 35 (EA) (LBS) * * FURNACE * DETONATION * BURNING *
*****
131500 C496 CTG 10544 4E M323 547 24834 1300400 A NO CAPABILITY PROCESSING COST ($) 22,963.25
INDIRECT BENEFITS 41,333.71 512,351.31
VALUE OF STORAGE SPACE RELEASED $223,937.75
PROCESSING AND STORAGE COST AVOIDED $11,405.53
TOTAL INDIRECT BENEFITS $255,333.29
STORAGE SPACE RELEASED: 7,021.56 SQ. FT.
PREFERRED METHOD: WAS40JT , 9-HR SHIFTS REQUIRED = 24.83, NET DIRECT COST = -141,196.19, NET COST = -376,589.48
*****

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*****
* NSN DDDIC W4MENC47RE LQC QJANTITY WEIGHT SRV * METHOD *
* * * * * LEXINGTON 35 (EA) (LBS) * * FURNACE * DETONATION * BURNING *
*****
131500 C499 CTG 10544 544 M32 647 7533 575000 A NO CAPABILITY PROCESSING COST ($) 3,508.92
INDIRECT BENEFITS 41,333.71 512,351.31
VALUE OF STORAGE SPACE RELEASED $71,550.15
PROCESSING AND STORAGE COST AVOIDED $3,648.36
TOTAL INDIRECT BENEFITS $75,309.12
STORAGE SPACE RELEASED: 2,246.40 SQ. FT.
PREFERRED METHOD: BURNING , 9-HR SHIFTS REQUIRED = 4.52, NET DIRECT COST = -9,239.88, NET COST = -84,549.00
*****

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*****
* NSN DDDIC W4MENC47RE LQC QJANTITY WEIGHT SRV * METHOD *
* * * * * LEXINGTON 35 (EA) (LBS) * * FURNACE * DETONATION * BURNING *
*****
131500 C500 CTG 10544 4E M341 847 9235 535500 A NO CAPABILITY PROCESSING COST ($) 117,123.01
INDIRECT BENEFITS 41,333.71 512,351.31
VALUE OF STORAGE SPACE RELEASED $55,534.00
PROCESSING AND STORAGE COST AVOIDED $3,393.03
TOTAL INDIRECT BENEFITS $70,327.03
STORAGE SPACE RELEASED: 2,088.84 SQ. FT.
PREFERRED METHOD: WAS40JT , 8-HR SHIFTS REQUIRED = 9.24, NET DIRECT COST = +8,445.50, NET COST = -61,581.45
*****

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* USED AVERAGE STORAGE DENSITY OF 7.8 SQ. FT. PER TON
 ** USED STORAGE SPACE VALUE OF \$31.90 PER SQ. FT.
 *** USED ANNUAL PROCESSING AND STORAGE COSTS OF \$12.67 PER TON

JCAP
DECISION MODELS

23AC - 567 CCC.C6
23AMI 9/61 .J3C 3

PREFERRED METHOD: DETENTION, 9-HR SHIFTS REQUIRED = 373.50, NET DIRECT COST = +331,627.63, NET COST = +265,506.00

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ECOLOGICAL EVALUATION OF DEMILITARIZATION
ON-SITE ANALYSIS OF 252 HIGH TONNAGE ITEMS
USING DEC. 1976 INVENTORY
90,000 LBS - OVER

TOTALS FOR LEXINGTON BG (8471)

NUMBER OF ITEMS 5

WEIGHT OF ITEMS FOR DEMIL (TENS) = 2,223.2

NO. OF 8-HR SHIFTS REQUIRED FOR DEMIL = 750.94

STORAGE SPACE RELEASED = 15,730.35 SQ. FT.

COST
DIRECT COST-PROCESSING 701,430.71
TOTAL COSTS 701,430.71

BENEFITS
DIRECT
RECLAMATION VALUE 209,939.79
NET DIRECT COST 491,491.01

TOTAL DIRECT BENEFITS 209,939.79

INDIRECT BENEFITS
VALUE OF SPACE RELEASED 503,412.52
ANNUAL PROCESSING AND
STORAGE INSPECTION
COSTS AVOIDED 25,533.95

TOTAL INDIRECT BENEFITS 529,046.57

TOTAL BENEFITS 738,986.27

NET COST -37,555.56

METHOD	SHIFTS	TONS
FURNACE	0.00	0.0
WASHOUT	34.07	1,168.0
DETUNATION	373.50	252.1
BURNING	353.37	603.1

• USED AVERAGE STORAGE DENSITY OF 7.8 SQ. FT. PER TON
• USED STORAGE SPACE VALUE OF \$31.90 PER SQ. FT.
• USED ANNUAL PROCESSING AND STORAGE COSTS OF \$12.57 PER TON

JCAP
DECISION MODELS

-20,349.01

-77,661.77

-41,264-10

JCAP ION MODELS

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ECONOMIC EVALUATION OF DEMILITARIZATION
ON-SITE ANALYSIS OF 252 HIGH TONNAGE ITEMS
USING DEC. 1976 INVENTORY
90,000 LBS - OVER

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*****
* NSV  DDIC  W/VENTILATION  LDC  QTY  WEIGHT  SRV  *  FURNACE  DETONATION  BURNING
*      *      *      *      *      *      *      *      *      *      *      *
1315000204740  C292 CARTRIDGE, 90 MI  P64  10793  447153 4  *****
INDIRECT BENEFITS
VALUE OF STORAGE SPACE RELEASED  $55,531.05
PROCESSING AND STORAGE COST AVOIDED  $2,832.75
*****
TOTAL INDIRECT BENEFITS  $58,453.81
STORAGE SPACE RELEASED:  1,743.92 SQ. FT.
PREFERRED METHOD: WAS43JT , 8-HR SHIFTS REQUIRED =  21.59, NET DIRECT COST =  +42,233.00, NET COST =  -16,229.93
*****

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*****
1315000204751  C292 CARTRIDGE, 90 MI  P64  5210  205534 4  *****
INDIRECT BENEFITS
VALUE OF STORAGE SPACE RELEASED  $25,571.36
PROCESSING AND STORAGE COST AVOIDED  $1,302.10
*****
TOTAL INDIRECT BENEFITS  $25,373.45
STORAGE SPACE RELEASED:  801.61 SQ. FT.
PREFERRED METHOD: WAS43JT , 8-HR SHIFTS REQUIRED =  10.42, NET DIRECT COST =  +20,387.14, NET COST =  -6,486.32
*****

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*****
1315000204855  C835 PROJECTILE AND  P64  2545  234932 4  *****
INDIRECT BENEFITS
VALUE OF STORAGE SPACE RELEASED  $29,216.57
PROCESSING AND STORAGE COST AVOIDED  $1,437.71
*****
TOTAL INDIRECT BENEFITS  $30,704.25
STORAGE SPACE RELEASED:  915.88 SQ. FT.
PREFERRED METHOD: WAS43JT , 8-HR SHIFTS REQUIRED =  5.29, NET DIRECT COST =  -24,282.23, NET COST =  -54,986.51
*****

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* USED AVERAGE STORAGE DENSITY OF 7.8 SQ. FT. PER TON
 ** USED STORAGE SPACE VALUE OF \$31.90 PER SQ. FT.
 *** USED ANNUAL PROCESSING AND STORAGE COSTS OF \$12.67 PER TON

JCAP
DECISION MODELS

ECONOMIC EVALUATION OF DEMILITARIZATION
ON-SITE ANALYSIS OF 252 HIGH TENNAGE ITEMS
JUSING DEC. 1976 INVENTORY
90,000 LBS - OVER

MSN	DDIC	NOMENCLATURE	LOC	QUANTITY (EA)	WEIGHT (LBS)	FURNACE	WASHOUT	METHODS	BURNING
131500285006	C739	CARTRIDGE-4.2 I	P64	8443	199774 M				
INDIRECT BENEFITS									
VALUE OF STORAGE SPACE RELEASED \$24,354.57									
PROCESSING AND STORAGE COST AVOIDED \$1,255.51									
TOTAL INDIRECT BENEFITS \$26,120.18									
STORAGE SPACE RELEASED; 779.14 SQ. FT.									
PREFERRED METHOD: DETONATION, 8-HR SHIFTS REQUIRED = 12.06, NET DIRECT COST = +36,847.94, NET COST = +10,727.76									

1315000394104	PRJ, 3/50 AP	P64	58237	891357 N		
INDIRECT BENEFITS					PROCESSING COST (\$)	
VALUE OF STORAGE SPACE RELEASED			\$110,356.18		N/C CAPABILITY	304,746.44
PROCESSING AND STORAGE COST AVOIDED			\$5,549.93		RECLAMATION VALUE (\$)	267,850.70

TOTAL INDIRECT BENEFITS			\$115,906.11		NET DIRECT COST (\$)	+36,895.74
STORAGE SPACE RELEASED:			3,478.25 SQ. FT.			
PREFERRED METHOD: BURIAL			8-HR SHIFTS REQUIRED =	113.73,	NET DIRECT COST =	+36,895.74, NET COST = -79,710.37

13180303011090	C262 CARTRIDGE-90 MI	P64	SCJ1	208091 M					
	INDIRECT BENEFITS								
	VALUE OF STORAGE SPACE RELEASED		\$25,339.72						
	PROCESSING AND STORAGE COST AVOIDED		\$1,318.31						

	TOTAL INDIRECT BENEFITS		\$27,228.03						
	STORAGE SPACE RELEASED:	811.59 SQ. FT.							
	PREFERRED METHOD: BURNING	7.14, NET DIRECT COST =							
		+17,715.84, NET COST =							
		-9,492.19							

- USED AVERAGE STORAGE DENSITY OF 7.8 SQ. FT. PER TON
- USED STORAGE SPACE VALUE OF \$31.90 PER SQ. FT.
- USED ANNUAL PROCESSING AND STORAGE COSTS OF \$12.67

**JCAP
DECISION MODELS**

ECOLOGICAL EVALUATION OF DEMILITARIZATION
ON-SITE ANALYSIS OF 252 HIGH TONNAGE ITEMS
USING DEC. 1976 INVENTORY
80,000 LBS - OVER

NSN	DDIC	WOMENCLATURE	LOC	QUANTITY	WEIGHT	SAVES	FURNACE	WASHOUT	DEMOMATION	BURNING
		(CRANE)		(EA)	(LBS)					
131503225371	C902	PROJ/CHG	12344	P64	5400	586784	M	NO CAPABILITY	PROCESSING COST (\$)	2,745.60
									NO CAPABILITY	
									RECLAMATION VALUE (\$)	NONE
									NET DIRECT COST (\$)	+2,745.60
									STORAGE SPACE RELEASED:	-88,512.00
									2,578.44 SQ. FT.	-178,304.99
									PREFERRED METHOD: WASHOUT , 8-HR SHIFTS REQUIRED =	
									16.00, NET DIRECT COST =	

131503442314	C906	PROJ/CHG	12344	P64	3433	306586	M	NO CAPABILITY	PROCESSING COST (\$)	NO CAPABILITY
									NO CAPABILITY	
									RECLAMATION VALUE (\$)	
									NET DIRECT COST (\$)	
									STORAGE SPACE RELEASED:	-27,158.10
									1,195.66 SQ. FT.	-67,251.03
									PREFERRED METHOD: WASHOUT , 8-HR SHIFTS REQUIRED =	
									6.88, NET DIRECT COST =	

131503542048	C902	PROJ/CHG	12344	P64	5333	659230	M	NO CAPABILITY	PROCESSING COST (\$)	2,571.00
									NO CAPABILITY	
									RECLAMATION VALUE (\$)	NONE
									NET DIRECT COST (\$)	+2,571.00
									STORAGE SPACE RELEASED:	-92,333.19
									2,571.04 SQ. FT.	-169,075.66
									PREFERRED METHOD: WASHOUT , 8-HR SHIFTS REQUIRED =	
									14.98, NET DIRECT COST =	

* USED AVERAGE STORAGE DENSITY OF 7.8 SQ. FT. PER TON
 ** USED STORAGE SPACE VALUE OF \$31.90 PER SQ. FT.
 *** USED ANNUAL PROCESSING AND STORAGE COSTS OF \$12.67 PER TON

JCAP
DECISION MODELS

ECONOMIC EVALUATION OF DEMILITARIZATION
ON-SITE ANALYSIS OF 252 HIGH TONNAGE ITEMS
USING DEC. 1976 INVENTORY
90,000 LBS - OVER

NSN	DDIC	MANUFACTURE	CRANE	LOC	QUANTITY	WEIGHT	SRV	METHODS	DETONATION	BURNING
					(EA)	(LBS)		4AS-HDT		
131503339464	802	PRJCT-16	120M	P64	14570	1553406	M	NO CAPABILITY	PROCESSING COST (\$)	6,293.43
INDIRECT BENEFITS										
VALUE OF STORAGE SPACE RELEASED										
PROCESSING AND STORAGE COST AVOIDED										
TOTAL INDIRECT BENEFITS										
STORAGE SPACE RELEASED: 6,056.26 SQ. FT.										
PREFERRED METHOD: WAS-HDT , 9-HR SHIFTS REQUIRED = 36.60, NET DIRECT COST =										
PROCESSING COST (\$)										
RECLAMATION VALUE (\$)										
NET DIRECT COST (\$)										
-202,886.10, NET COST =										
+6,293.43										
-405,985.38										

NSN	DDIC	MANUFACTURE	CRANE	LOC	QUANTITY	WEIGHT	SRV	METHODS	DETONATION	BURNING
					(EA)	(LBS)		4AS-HDT		
131503339464	802	PRJCT-16	120M	P64	14570	1553406	M	NO CAPABILITY	PROCESSING COST (\$)	6,293.43
INDIRECT BENEFITS										
VALUE OF STORAGE SPACE RELEASED										
PROCESSING AND STORAGE COST AVOIDED										
TOTAL INDIRECT BENEFITS										
STORAGE SPACE RELEASED: 6,056.26 SQ. FT.										
PREFERRED METHOD: WAS-HDT , 9-HR SHIFTS REQUIRED = 36.60, NET DIRECT COST =										
PROCESSING COST (\$)										
RECLAMATION VALUE (\$)										
NET DIRECT COST (\$)										
-202,886.10, NET COST =										
+6,293.43										
-405,985.38										

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NSN	DDIC	MANUFACTURE	CRANE	LOC	QUANTITY	WEIGHT	SRV	METHODS	DETONATION	BURNING
					(EA)	(LBS)		4AS-HDT		
1320033392759	232	PRJCT-16	120M	P64	17977	981723	N	NO CAPABILITY	PROCESSING COST (\$)	6,293.43
INDIRECT BENEFITS										
VALUE OF STORAGE SPACE RELEASED										
PROCESSING AND STORAGE COST AVOIDED										
TOTAL INDIRECT BENEFITS										
STORAGE SPACE RELEASED: 3,828.71 SQ. FT.										
PREFERRED METHOD: WAS-HDT , 8-HR SHIFTS REQUIRED = 44.94, NET DIRECT COST =										
PROCESSING COST (\$)										
RECLAMATION VALUE (\$)										
NET DIRECT COST (\$)										
+57,824.99										
-70,530.06										

* USED AVERAGE STORAGE DENSITY OF 7.0 SQ. FT. PER TON
 ** USED STORAGE SPACE VALUE OF \$31.90 PER SQ. FT.
 *** USED ANNUAL PROCESSING AND STORAGE COSTS OF \$12.57 PER TON

JCAP
DECISION MODELS

ECONOMIC EVALUATION OF DEMILITARIZATION
ON-SITE ANALYSIS OF 252 HIGH TONNAGE ITEMS
USING DEC. 1976 INVENTORY
80,000 LBS - OVER

VSX	DDIC	NAMECLATURE	LOC	QUANTITY	WEIGHT	SRV	METHODS	BURNING
		CRANE	(EA)	(LBS)			FURNACE	DETONATION
1320000393336	0309	C45, 2000	5/54	P64	3140	107199	N	
INDIRECT BENEFITS								
VALUE OF STORAGE SPACE RELEASED								
PROCESSING AND STORAGE COST AVOIDED								
TOTAL INDIRECT BENEFITS								
STORAGE SPACE RELEASED: 416.08 SQ. FT.								
PREFERRED METHOD: BURNING, 9-HR SHIFTS REQUIRED = 3.93, NET DIRECT COST = -10,654.62, NET COST = -24,670.48								

VSX	DDIC	NAMECLATURE	LOC	QUANTITY	WEIGHT	SRV	METHODS	BURNING
		CRANE	(EA)	(LBS)			FURNACE	DETONATION
1320000393351	0310	C45, 2000	5/54	P64	3453	118056	N	
INDIRECT BENEFITS								
VALUE OF STORAGE SPACE RELEASED								
PROCESSING AND STORAGE COST AVOIDED								
TOTAL INDIRECT BENEFITS								
STORAGE SPACE RELEASED: 460.43 SQ. FT.								
PREFERRED METHOD: BURNING, 9-HR SHIFTS REQUIRED = 4.32, NET DIRECT COST = -11,733.65, NET COST = -27,169.28								

VSX	DDIC	NAMECLATURE	LOC	QUANTITY	WEIGHT	SRV	METHODS	BURNING
		CRANE	(EA)	(LBS)			FURNACE	DETONATION
1320000393350	0531	PROJ. 3/55	MC	P64	459	119412	N	
INDIRECT BENEFITS								
VALUE OF STORAGE SPACE RELEASED								
PROCESSING AND STORAGE COST AVOIDED								
TOTAL INDIRECT BENEFITS								
STORAGE SPACE RELEASED: 465.74 SQ. FT.								
PREFERRED METHOD: BURNING, 9-HR SHIFTS REQUIRED = 4.69, NET DIRECT COST = +7,835.40, NET COST = -7,778.24								

* USED AVERAGE STORAGE DENSITY OF 7.8 SQ. FT. PER TON
 ** USED STORAGE SPACE VALUE OF \$31.90 PER SQ. FT.
 *** USED ANNUAL PROCESSING AND STORAGE COSTS OF \$12.57 PER TON

JCAP
DECISION MODELS

ECOLOGIC EVALUATION OF DEMILITARIZATION
ON-SITE ANALYSIS OF 252 HIGH TONNAGE ITEMS
USING DEC. 1976 INVENTORY
80,000 LBS - OVER

NSN	DDIC	W44VCLATRE	CRANE	LDC	QJALITY	HEIGHT	SAVO	FJRNACE	W454JUT	NET40DS	DETONATION	BURNING
					(EA)	(LBS)						
13200393745	2543	PRJJ, 3/55	3-2/T	P64	545	141360	N	NO CAPABILITY	420.42	NO CAPABILITY	1,163.53	
INDIRECT BENEFITS	VALUE OF STORAGE SPACE RELEASED				\$17,551.12				RECLAMATION VALUE (\$)		4,812.11	
PROCESSING AND STORAGE COST AVOIDED					\$899.32				7,553.95			
TOTAL INDIRECT BENEFITS					\$18,550.44				NET DIRECT COST (\$)		-3,648.58	
STORAGE SPACE RELEASED:					553.64	52. FT.			-7,143.53			
PREFERRED METHOD: WAS4JUT	9-HR SHIFTS REQUIRED =	1.56,	NET DIRECT COST =	-7,143.53,	NET COST =	-25,703.97						
13200394038	2881	PRJJ, 15/50	3LPT	P64	32	86400	N	NO CAPABILITY	PROCESSING COST (\$)		816.64	
INDIRECT BENEFITS	VALUE OF STORAGE SPACE RELEASED				\$10,749.02				RECLAMATION VALUE (\$)		2,215.87	
PROCESSING AND STORAGE COST AVOIDED					\$547.34				NET DIRECT COST (\$)		-1,399.23	
TOTAL INDIRECT BENEFITS					\$11,296.36				-1,399.23,	NET COST =	-12,695.59	
STORAGE SPACE RELEASED:					336.96	52. FT.						
PREFERRED METHOD: BURNING	8-HR SHIFTS REQUIRED =	0.64,	NET DIRECT COST =	-1,399.23,	NET COST =							
1320035297347	2487	PROJECTILE, 155		P64	1512	149718	M	NO CAPABILITY	PROCESSING COST (\$)		NO CAPABILITY	
INDIRECT BENEFITS	VALUE OF STORAGE SPACE RELEASED				\$18,526.73				RECLAMATION VALUE (\$)		NONE	
PROCESSING AND STORAGE COST AVOIDED					\$948.49				NET DIRECT COST (\$)		+4,630.35	
TOTAL INDIRECT BENEFITS					\$19,575.21				+4,630.35,	NET COST =	-14,944.86	
STORAGE SPACE RELEASED:					583.91	52. FT.						
PREFERRED METHOD: DETONATION	3-HR SHIFTS REQUIRED =	3.02,	NET DIRECT COST =									

• USED AVERAGE STORAGE DENSITY OF 7.8 SQ. FT. PER TON
• USED STORAGE SPACE VALUE OF \$31.90 PER SQ. FT.
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JCAP
DECISION MODELS

ECONOMIC EVALUATION OF DEMILITARIZATION
ON-SITE ANALYSIS OF 252 HIGH TONNAGE ITEMS
USING DEC. 1976 INVENTORY
90,000 LBS - OVER

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*****
*   VSN   DDIC   WADENCLATURE   (CRANE)   LDC   QUANTITY   WEIGHT SRV   *   FURNACE   DETONATION   BURNING
*   *****   *****   *****   *****   *****   *****   *****   *****   *****   *****
132000227349 0435 PROJECTILE,155   P64   1015   95744  *   *****   *****   *****   *****   *****
INDIRECT BENEFITS
VALUE OF STORAGE SPACE RELEASED   $12,042.89
PROCESSING AND STORAGE COST AVOIDED *****
TOTAL INDIRECT BENEFITS           $12,556.12
STORAGE SPACE RELEASED:           377.52 SQ. FT.
PREFERRED METHOD: WASADJUT , 8-HR SHIFTS REQUIRED = 2.54, NET DIRECT COST = +4,583.61, NET COST = -8,072.51
*****

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*****
1325000285361 E107 BOMB, SAP 459A1   P64   1125   1143000  *   *****   *****   *****   *****   *****
INDIRECT BENEFITS
VALUE OF STORAGE SPACE RELEASED   $142,200.63
PROCESSING AND STORAGE COST AVOIDED *****
TOTAL INDIRECT BENEFITS           $149,441.54
STORAGE SPACE RELEASED:           4,457.70 SQ. FT.
PREFERRED METHOD: WASADJUT , 9-HR SHIFTS REQUIRED = 40.18, NET DIRECT COST = +7,762.52, NET COST = -141,679.02
*****

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*****
1325000384582 E116 BOMB, DEPT 4 4K 5   P64   4371   1597588  *   *****   *****   *****   *****   *****
INDIRECT BENEFITS
VALUE OF STORAGE SPACE RELEASED   $198,757.31
PROCESSING AND STORAGE COST AVOIDED *****
TOTAL INDIRECT BENEFITS           $208,338.51
STORAGE SPACE RELEASED:           6,230.95 SQ. FT.
PREFERRED METHOD: WASADJUT , 9-HR SHIFTS REQUIRED = 405.92, NET DIRECT COST = -279,005.91, NET COST = -487,894.52
*****

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JCAP
DECISION MODELS

ECONOMIC EVALUATION OF DEMILITARIZATION
ON-SITE ANALYSIS OF 252 HIGH TONNAGE ITEMS
JUNE DEC. 1976 INVENTORY
80,000 LBS - OVER

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*****
*   NSN   DDIC   VJ4ENCLATJRE   LDC   QUANTITY   WEIGHT SRV#   *   FURNACE   DETONATION   BURNING
*   *****   *****   *****   *****   *****   *****   *****   *****   *****
1325001324251 5009 8043,JP 33 4 P64 173 178525 N 00 CAPABILITY 25,558.14 NO CAPABILITY NO CAPABILITY
INDIRECT BENEFITS
VALUE OF STORAGE SPACE RELEASED $22,229.74
PROCESSING AND STORAGE COST AVOIDED $1,130.92
TOTAL INDIRECT BENEFITS $23,360.66
STORAGE SPACE RELEASED: 696.23 SQ. FT.
PREFERRED METHOD: WASADJT , 3-HR SHIFTS REQUIRED = 9.65, NET DIRECT COST = +24,329.58, NET COST = +988.92
*****

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*****
132500133003 5006 9043,JP 41 33-4 P64 215 199800 N 00 CAPABILITY 28,939.68 NO CAPABILITY NO CAPABILITY
INDIRECT BENEFITS
VALUE OF STORAGE SPACE RELEASED $24,337.12
PROCESSING AND STORAGE COST AVOIDED $1,255.73
TOTAL INDIRECT BENEFITS $25,592.85
STORAGE SPACE RELEASED: 779.22 SQ. FT.
PREFERRED METHOD: WASADJT , 8-HR SHIFTS REQUIRED = 10.80, NET DIRECT COST = +27,228.96, NET COST = +1,106.11
*****

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*****
1325001337058 5002 01SP,CBJ-53/B P64 525 433125 N 00 CAPABILITY 133,980.00 NO CAPABILITY
INDIRECT BENEFITS
VALUE OF STORAGE SPACE RELEASED $23,334.52
PROCESSING AND STORAGE COST AVOIDED $2,743.82
TOTAL INDIRECT BENEFITS $26,078.34
STORAGE SPACE RELEASED: 1,689.17 SQ. FT.
PREFERRED METHOD: DETONATION, 9-HR SHIFTS REQUIRED = 87.50, NET DIRECT COST = +128,835.00, NET COST = +72,206.66
*****

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* USED AVERAGE STORAGE DENSITY OF 7.8 SQ. FT. PER TON
 ** USED STORAGE SPACE VALUE OF \$31.90 PER SQ. FT.
 *** USED ANNUAL PROCESSING AND STORAGE COSTS OF \$12.67 PER TON

JCAP
DECISION MODELS

ECONOMIC EVALUATION OF DEMILITARIZATION
ON-SITE ANALYSIS OF 252 HIGH TENNAGE ITEMS
USING DEC. 1976 INVENTORY
80,000 LBS - OVER

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*****
* NSV      DDDIC  WDMENCLATURE      LOC  QTY  WEIGHT SAV  *
*          (CRANE) (EAL) (LBS)      *
*****
132503401727 6488 B348,JP 32 2      P64      7422 3573390 V
INDIRECT BENEFITS
VALUE OF STORAGE SPACE RELEASED      $457,059.90
PROCESSING AND STORAGE COST AVOIDED  $23,274.15
*****
TOTAL INDIRECT BENEFITS              $480,334.05
STORAGE SPACE RELEASED:              14,326.21 SQ. FT.
PREFERRED METHOD: WASHOUT , 8-HR SHIFTS REQUIRED = 164.93, NET DIRECT COST =
*****
*****

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*****
1325039123867 F244 3543,JP,4K 82-1 P64      3057 1516165 V
INDIRECT BENEFITS
VALUE OF STORAGE SPACE RELEASED      $198,374.15
PROCESSING AND STORAGE COST AVOIDED  $9,517.54
*****
TOTAL INDIRECT BENEFITS              $207,891.70
STORAGE SPACE RELEASED:              5,920.82 SQ. FT.
PREFERRED METHOD: WASHOUT , 8-HR SHIFTS REQUIRED = 255.58, NET DIRECT COST =
*****
*****

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*****
1330038924885 5990 GRENADE,RIFLE P64      51213 126692 V
INDIRECT BENEFITS
VALUE OF STORAGE SPACE RELEASED      $15,762.75
PROCESSING AND STORAGE COST AVOIDED  $302.54
*****
TOTAL INDIRECT BENEFITS              $16,065.29
STORAGE SPACE RELEASED:              494.13 SQ. FT.
PREFERRED METHOD: BURNING , 8-HR SHIFTS REQUIRED = 27.07, NET DIRECT COST =
*****
*****

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*****
* USED AVERAGE STORAGE DENSITY OF 7.8 SQ. FT. PER TON
* USED STORAGE SPACE VALUE OF $31.90 PER SQ. FT.
* USED ANNUAL PROCESSING AND STORAGE COSTS OF $12.67 PER TON
*****
JCAP
DECISION MODELS

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ECONOMIC EVALUATION OF DEMILITARIZATION
ON-SITE ANALYSIS OF 252 HIGH TONNAGE ITEMS
USING DEC. 1976 INVENTORY
80,000 LBS - OVER

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*****
* NSW DDDIC WDMENCLATURE LDC QJANTITY WEIGHT SAV * * FURNACE * * * * *
* * * * * (EA) (LBS) * * * * *
*****
134000206093 M602 RCKET,SMKE,3. P64 39510 354905 4
INDIRECT BENEFITS
VALUE OF STORAGE SPACE RELEASED $44,153.11
PROCESSING AND STORAGE COST AVOIDED 12,248.29
*****
TOTAL INDIRECT BENEFITS $56,401.40
*****
STORAGE SPACE RELEASED: 1,384.11 SQ. FT.
*****
PREFERRED METHOD: DETONATION, 8-HR SHIFTS REQUIRED = 180.05, NET DIRECT COST = -23,952.04
*****

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*****
1340003089362 M40,RT 5.00 HE P64 3203 166972 4
INDIRECT BENEFITS
VALUE OF STORAGE SPACE RELEASED $20,773.92
PROCESSING AND STORAGE COST AVOIDED $1,057.82
*****
TOTAL INDIRECT BENEFITS $21,831.74
*****
STORAGE SPACE RELEASED: 651.22 SQ. FT.
*****
PREFERRED METHOD: WASHOUT, 8-HR SHIFTS REQUIRED = 8.01, NET DIRECT COST = -8,331.06
*****

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*****
1340001437117 M600 RCKET,HEAT,3.5 P64 72740 651750 4
INDIRECT BENEFITS
VALUE OF STORAGE SPACE RELEASED $81,085.33
PROCESSING AND STORAGE COST AVOIDED $4,129.90
*****
TOTAL INDIRECT BENEFITS $85,214.23
*****
STORAGE SPACE RELEASED: 2,541.86 SQ. FT.
*****
PREFERRED METHOD: WASHOUT, 8-HR SHIFTS REQUIRED = 181.85, NET DIRECT COST = +226,240.99
*****

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* USED AVERAGE STORAGE DENSITY OF 7.8 SQ. FT. PER TON
 ** USED STORAGE SPACE VALUE OF \$31.90 PER SQ. FT.
 *** USED ANNUAL PROCESSING AND STORAGE COSTS OF \$12.57 PER TON

JCAP
DECISION MODELS

[illegible]

1381000930619	2740	CASE	25	1	P64	1077	1389050	N	
INDIRECT BENEFITS									
VALUE OF STORAGE SPACE RELEASED									
PROCESSING AND STORAGE COST AVOIDED									

TOTAL INDIRECT BENEFITS									
STORAGE SPACE RELEASED:									
7,367.33 SQ. FT.									

PROCESSING COST (\$)									
510,436.46									
NO CAPABILITY									
NO CAPABILITY									

RECLAMATION VALUE (\$)									
10,355.15									

NET DIRECT COST (\$)									
+499,590.30									

PREFERRED METHOD: WAS-TJF	8-HR SHIFTS REQUIRED =	142.38, NET DIRECT COST =	+472,343.30, NET COST =	+206,522.96
				0.00

**JCAP
DECISION MODELS**

ECONOMIC EVALUATION OF DEMILITARIZATION
ON-SITE ANALYSIS OF 252 HIGH TONNAGE ITEMS
USING DEC. 1976 INVENTORY
90,000 LBS - OVER

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*****
* VSN DDIC W4ENCLATJX LOC QJANTITY WEIGHT SZV * FRYACE WASHJUT DETONATION BURNING *
* (EA) (LBS) *
*****
135100070663 CASE 50 0 P54 345 390352 N 100,238.92 NO CAPABILITY NO CAPABILITY
INDIRECT BENEFITS
VALUE OF STORAGE SPACE RELEASED $48,526.77
PROCESSING AND STORAGE COST AVOIDED $2,476.10
TOTAL INDIRECT BENEFITS $51,102.87
STORAGE SPACE RELEASED: 1,524.35 SQ. FT.
PREFERRED METHOD: WASHJUT , 8-HR SHIFTS REQUIRED = 30.21, NET DIRECT COST = +50,274.16, NET COST = -820.71
*****

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*****
136100038875 S435 BSTR,AJX,DC 2-0 P64 1344270 470494 N NO CAPABILITY NO CAPABILITY
INDIRECT BENEFITS
VALUE OF STORAGE SPACE RELEASED $58,534.91
PROCESSING AND STORAGE COST AVOIDED $2,330.52
TOTAL INDIRECT BENEFITS $61,515.53
STORAGE SPACE RELEASED: 1,634.95 SQ. FT.
PREFERRED METHOD: BURNING , 8-HR SHIFTS REQUIRED = 672.14, NET DIRECT COST = +147,869.70, NET COST = +86,354.17
*****

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*****
136100029935 S505 CASE,DC,LDD 3-4 P64 475 166600 N NO CAPABILITY NO CAPABILITY
INDIRECT BENEFITS
VALUE OF STORAGE SPACE RELEASED $20,726.71
PROCESSING AND STORAGE COST AVOIDED $1,355.41
TOTAL INDIRECT BENEFITS $21,732.12
STORAGE SPACE RELEASED: 649.74 SQ. FT.
PREFERRED METHOD: WASHJUT , 9-HR SHIFTS REQUIRED = 7.93, NET DIRECT COST = +658.31, NET COST = -21,123.81
*****

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* USED AVERAGE STORAGE DENSITY OF 7.8 SQ. FT. PER TON
 ** USED STORAGE SPACE VALUE OF \$31.90 PER SQ. FT.
 *** USED ANNUAL PROCESSING AND STORAGE COSTS OF \$12.57 PER TON

JCAP
DECISION MODELS

MSN	CDIC	WAEVCLATURE	CRANE	LDC	QUANTITY (EA)	WEIGHT SRV (LBS)	FURNACE	WASHJCT	NET+DDSD	DETONATION	BURNING
136100543439	5525	DC, 1E, 7.2	444	P64	19433	1209431	N				
INDIRECT BENEFITS											
VALUE OF STORAGE SPACE RELEASED											
PROCESSING AND STORAGE COST AVOIDED											
TOTAL INDIRECT BENEFITS											
STORAGE SPACE RELEASED:											
PROCESSING COST (\$)											
RECLAMATION VALUE (\$)											
NET DIRECT COST (\$)											
NET COST =											
PREFERRED NET+DDSD WASHJCT , 9-HR SHIFTS REQUIRED =											
323.97, NET DIRECT COST =											
-120,919.91, NET COST =											
-279,048.27											

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1361005557193	CASE,CC	7	3	P64	376	270720 N
INDIRECT BENEFITS						
VALUE OF STORAGE SPACE RELEASED					\$33,530.34	
PROCESSING AND STORAGE COST AVOIDED					\$1,715.01	

TOTAL INDIRECT BENEFITS					\$35,335.35	
STORAGE SPACE RELEASED:				1,055.81 SQ. FT.		
PREFERRED METHOD: WASHOJT , 8-HR SHIFTS REQUIRED = 6.27, NET DIRECT COST = -48,175.75, NET COST = -83,571.10						

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[illegible]

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- USED AVERAGE STORAGE DENSITY OF 7.8 SQ. FT. PER TON
- USED STORAGE SPACE VALUE OF \$31.90 PER SQ. FT.
- USED ANNUAL PROCESSING AND STORAGE COSTS OF \$12.67 PER TON

ECONOMIC EVALUATION OF DEMILITARIZATION
ON-SITE ANALYSIS OF 252 HIGH TOXICITY ITEMS
USING DEC. 1976 INVENTORY
90,000 LBS - OVER

TOTALS FOR CRANE (P64)

NUMBER OF ITEMS 56
WEIGHT OF ITEMS FOR DEMIL (TONS) = 16,144.1
NO. OF 84R SHIFTS REQUIRED FOR DEMIL = 3,796.08
STORAGE SPACE RELEASED = 125,943.31 SQ. FT.
COST
DIRECT COST-PROCESSING 4,195,139.35
TOTAL COSTS 4,195,139.35
BENEFITS
DIRECT
RECLAMATION VALUE 3,319,328.23
NET DIRECT COST +877,110.03
TOTAL DIRECT BENEFITS 3,319,020.28

INDIRECT BENEFITS
VALUE OF SPACE RELEASED 4,017,591.54
ANNUAL PROCESSING AND
STORAGE INSPECTION
COSTS AVOIDED 204,577.19
TOTAL INDIRECT BENEFITS 4,222,168.83
TOTAL BENEFITS 7,541,197.11
NET COST -3,345,058.75

METHOD	SHIFTS	TONS
FURNACE	317.34	1,795.8
WELDING	2,333.53	11,777.6
DETONATION	491.37	825.5
BURNING	895.78	1,742.2

* USED AVERAGE STORAGE DENSITY OF 7.8 SQ. FT. PER TON
** USED STORAGE SPACE VALUE OF \$31.90 PER SQ. FT.
*** USED ANNUAL PROCESSING AND STORAGE COSTS OF \$12.67 PER TON

JCAP
DECISION MODELS

ECONOMIC EVALUATION OF DEMILITARIZATION
ON-SITE ANALYSIS OF 252 HIGH TONNAGE ITEMS
USING DEC. 1976 INVENTORY
80,000 LBS - OVER

NSN	DDIC	MANUFACTURE	EARLE	LDC	QUANTITY	WEIGHT	SRV	WASHOUT	DETONATION	BURNING
					(EA)	(LBS)				
132502187053	F937	FUZE, 4K 344-C	P65	19951	96587	N		PROCESSING COST (\$)		
INDIRECT BENEFITS										
VALUE OF STORAGE SPACE RELEASED										39,902.00
PROCESSING AND STORAGE COST AVOIDED										
TOTAL INDIRECT BENEFITS										5,985.30
STORAGE SPACE RELEASED: 337.66 SQ. FT.										+33,916.70
PREFERRED METHOD: BURNING, 3-HR SHIFTS REQUIRED = 33.25, NET DIRECT COST =										+22,596.87

134002083408	4342	RAT 4073, JATU	P65	538	110619	N		PROCESSING COST (\$)		
INDIRECT BENEFITS										
VALUE OF STORAGE SPACE RELEASED										14,672.73
PROCESSING AND STORAGE COST AVOIDED										
TOTAL INDIRECT BENEFITS										774.72
STORAGE SPACE RELEASED: 430.64 SQ. FT.										+13,898.01
PREFERRED METHOD: BURNING, 3-HR SHIFTS REQUIRED = 4.89, NET DIRECT COST =										-530.92

* USED AVERAGE STORAGE DENSITY OF 7.8 SQ. FT. PER TON
** USED STORAGE SPACE VALUE OF \$31.90 PER SQ. FT.
*** USED ANNUAL PROCESSING AND STORAGE COSTS OF \$12.57 PER TON

ECOLOGIC EVALUATION OF DEMILITARIZATION
ON-SITE ANALYSIS OF 252 HIGH TONNAGE ITEMS
USING DEC. 1976 INVENTORY
90,000 LBS - JVER

TOTALS FOR EARLE (P55)

NUMBER OF ITEMS 2

WEIGHT OF ITEMS FOR DEMIL (TUNS) = 98.4

NJ. OF 842 SHIFTS REQUIRED FOR DEMIL = 38.14

STORAGE SPACE RELEASED = 758.30 SQ. FT.

COST

DIRECT COST-PROCESSING 54,574.73

TOTAL COSTS

54,574.73

BENEFITS

DIRECT

RECLAMATION VALUE

6,760.02

NET DIRECT COST

47,814.71

TOTAL DIRECT BENEFITS

6,760.02

INDIRECT BENEFITS

VALUE OF SPACE RELEASED
ANNUAL PROCESSING AND
STORAGE INSPECTION
COSTS AVOIDED

24,509.77

1,247.99

TOTAL INDIRECT BENEFITS

25,756.75

TOTAL BENEFITS

32,516.78

NET COST

22,057.95

METHOD	SHIFTS	TUNS
FURNACE	3.00	3.00
ASHOUT	3.00	3.00
DETUNATION	3.00	3.00
BURNING	39.14	98.4

• USED AVERAGE STORAGE DENSITY OF 7.8 SQ. FT. PER TON

• USED STORAGE SPACE VALUE OF \$31.90 PER SQ. FT.

• USED ANNUAL PROCESSING AND STORAGE COSTS OF \$12.67 PER TON

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JCAP
DECISION MODELS

ECONOMIC EVALUATION OF DEMILITARIZATION
ON-SITE ANALYSIS OF 252 HIGH TONNAGE ITEMS
USING DEC. 1976 INVENTORY
80,000 LBS - OVER

NSN	DDIC	NOMENCLATURE	LOC	QTY	WEIGHT	SRV	METHODS	NO CAPABILITY	NO CAPABILITY	BURNING
			HANTHORNE		(LBS)		FURNACE			
130500284544	4775	CTG, 2044	497	P67	158535	30347	PROCESSING COST (\$)	12,930.84		
		INDIRECT BENEFITS					NO CAPABILITY			
		VALUE OF STORAGE SPACE RELEASED			\$11,239.33					
		PROCESSING AND STORAGE COST AVOIDED			\$572.30					
		TOTAL INDIRECT BENEFITS			\$11,811.53					
		STORAGE SPACE RELEASED:			352.33	SQ. FT.				
		PREFERRED METHOD: FURNACE			8-HR SHIFTS REQUIRED =	7.93,	NET DIRECT COST =	-3,734.30,	NET COST =	-15,546.01

130500284546	4775	CTG, 2044	497	P67	218282	124420	PROCESSING COST (\$)	436.56		
		INDIRECT BENEFITS					NO CAPABILITY			
		VALUE OF STORAGE SPACE RELEASED			\$15,479.15					
		PROCESSING AND STORAGE COST AVOIDED			\$738.20					
		TOTAL INDIRECT BENEFITS			\$16,257.36					
		STORAGE SPACE RELEASED:			485.24	SQ. FT.				
		PREFERRED METHOD: FURNACE			8-HR SHIFTS REQUIRED =	5.46,	NET DIRECT COST =	-22,513.61,	NET COST =	-38,780.97

130500284550	4765	CTG, 2044	495	P67	298590	170190	PROCESSING COST (\$)	597.15		
		INDIRECT BENEFITS					NO CAPABILITY			
		VALUE OF STORAGE SPACE RELEASED			\$21,174.58					
		PROCESSING AND STORAGE COST AVOIDED			\$1,378.22					
		TOTAL INDIRECT BENEFITS			\$22,252.80					
		STORAGE SPACE RELEASED:			663.78	SQ. FT.				
		PREFERRED METHOD: FURNACE			8-HR SHIFTS REQUIRED =	7.46,	NET DIRECT COST =	-34,468.08,	NET COST =	-56,720.88

* USED AVERAGE STORAGE DENSITY OF 7.8 SQ. FT. PER TON
** USED STORAGE SPACE VALUE OF \$31.93 PER SQ. FT.
*** USED ANNUAL PROCESSING AND STORAGE COSTS OF \$12.67 PER TON

JCAP
DECISION MODELS

ECONOMIC EVALUATION OF DEMILITARIZATION
ON-SITE ANALYSIS OF 292 HIGH TONNAGE ITEMS
USING DEC. 1976 INVENTORY
80,000 LBS - OVER

METHODS		WASHOUT		DETONATION		BURNING	
NSN	DDIC	WVENC	LAJRE	HAWTHORNE	LEA	(LBS)	FURNACE
1305000286378	4559	CTG.	508	LANK	LNK	P67	334920
INDIRECT BENEFITS		LDC		QUANTITY		WEIGHT	
VALUE OF STORAGE SPACE RELEASED		438.28		SQ. FT.			
PROCESSING AND STORAGE COST AVOIDED							
TOTAL INDIRECT BENEFITS							
STORAGE SPACE RELEASED:							
PREFERRED METHOD: FURNACE		3-HR SHIFTS REQUIRED =		22.12, NET DIRECT COST =		-36,078.19, NET COST =	
						-50,771.25	

METHODS		WASHOUT		DETONATION		BURNING	
NSN	DDIC	WVENC	LAJRE	HAWTHORNE	LEA	(LBS)	FURNACE
1305000391051	4745	CTG.	2044	4ET		P67	175103
INDIRECT BENEFITS		LDC		QUANTITY		WEIGHT	
VALUE OF STORAGE SPACE RELEASED		389.22		SQ. FT.			
PROCESSING AND STORAGE COST AVOIDED							
TOTAL INDIRECT BENEFITS							
STORAGE SPACE RELEASED:							
PREFERRED METHOD: FURNACE		8-HR SHIFTS REQUIRED =		8.76, NET DIRECT COST =		-4,125.43, NET COST =	
						-17,173.70	

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METHODS		WASHOUT		DETONATION		BURNING	
NSN	DDIC	WVENC	LAJRE	HAWTHORNE	LEA	(LBS)	FURNACE
1305000391051	4744	CTG.	2044	4ET		P67	408319
INDIRECT BENEFITS		LDC		QUANTITY		WEIGHT	
VALUE OF STORAGE SPACE RELEASED		907.69		SQ. FT.			
PROCESSING AND STORAGE COST AVOIDED							
TOTAL INDIRECT BENEFITS							
STORAGE SPACE RELEASED:							
PREFERRED METHOD: FURNACE		8-HR SHIFTS REQUIRED =		20.42, NET DIRECT COST =		-9,619.97, NET COST =	
						-40,049.69	

* USED AVERAGE STORAGE DENSITY OF 7.8 SQ. FT. PER TON
** USED STORAGE SPACE VALUE OF \$31.90 PER SQ. FT.
*** USED ANNUAL PROCESSING AND STORAGE COSTS OF \$12.67 PER TON

JCAP
DECISION MODELS

ECONOMIC EVALUATION OF DEMILITARIZATION
ON-SITE ANALYSIS OF 252 HIGH TONNAGE ITEMS
USING DEC. 1976 INVENTORY
80,000 LBS - OVER

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*****
* VSN          NMENCLATURE          HANTHORN (EA) (LBS)  FURNACE  DETONATION  BURNING
*****
130503011597 4775 CTS, 20M  496  P67  1086404  608385 N
INDIRECT BENEFITS
VALUE OF STORAGE SPACE RELEASED      $75,538.49
PROCESSING AND STORAGE COST AVOIDED  13,354.09
TOTAL INDIRECT BENEFITS              $89,542.58
STORAGE SPACE RELEASED:      2,372.68 SQ. FT.
PREFERRED METHOD: FURNACE , 8-HR SHIFTS REQUIRED = 27.16, NET DIRECT COST = -135,354.55, NET COST = -215,097.14
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130503011655 4215 CTS, 30 BAL  492  P67  7075500  399313 M
INDIRECT BENEFITS
VALUE OF STORAGE SPACE RELEASED      $49,579.47
PROCESSING AND STORAGE COST AVOIDED  $2,529.69
TOTAL INDIRECT BENEFITS              $52,209.16
STORAGE SPACE RELEASED:      1,557.35 SQ. FT.
PREFERRED METHOD: FURNACE , 8-HR SHIFTS REQUIRED = 145.95, NET DIRECT COST = -35,027.50, NET COST = -87,236.66
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130505557056 4775 CTS, 20M  497  P67  192431  109714 N
INDIRECT BENEFITS
VALUE OF STORAGE SPACE RELEASED      $13,550.33
PROCESSING AND STORAGE COST AVOIDED  $535.08
TOTAL INDIRECT BENEFITS              $14,345.41
STORAGE SPACE RELEASED:      427.91 SQ. FT.
PREFERRED METHOD: FURNACE , 8-HR SHIFTS REQUIRED = 4.01, NET DIRECT COST = -19,052.49, NET COST = -34,197.90
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* USED AVERAGE STORAGE DENSITY OF 7.8 SQ. FT. PER TON
 ** USED STORAGE SPACE VALUE OF \$31.90 PER SQ. FT.
 *** USED ANNUAL PROCESSING AND STORAGE COSTS OF \$12.67 PER TON

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DECISION MODELS

ECOVOMIC EVALUATION OF DEMILITARIZATION
ON-SITE ANALYSIS OF 252 HIGH TENNAGE ITEMS
USING DEC. 1976 INVENTORY
90,000 LBS - OVER

VSX	DDIC	NAMENCLATURE	LUC	QUANTITY	WEIGHT	SAV	FJRMACE	WASJOUT	METHODS	BURNING
			(EA)	(LBS)						
131500284427	C255	CARTRIDGE, 90 MI	P67	5113	211831	M			PROCESSING COST (\$)	16,629.67
		INDIRECT BENEFITS							NO CAPABILITY	
		VALUE OF STORAGE SPACE RELEASED							62,564.71	
		PROCESSING AND STORAGE COST AVOIDED							RECLAMATION VALUE (\$)	16,872.90
		TOTAL INDIRECT BENEFITS							19,599.57	
		STORAGE SPACE RELEASED:							NET DIRECT COST (\$)	-243.23
									+42,575.14	
		PREFERRED METHOD: BURNING , 8-HR SHIFTS REQUIRED =							-243.23, NET COST =	-27,940.30

131500284431	C262	CARTRIDGE, 90 MI	P67	4324	204987	M			PROCESSING COST (\$)	18,074.92
		INDIRECT BENEFITS							NO CAPABILITY	
		VALUE OF STORAGE SPACE RELEASED							NO CAPABILITY	
		PROCESSING AND STORAGE COST AVOIDED							RECLAMATION VALUE (\$)	4,098.74
		TOTAL INDIRECT BENEFITS							NET DIRECT COST (\$)	+13,976.18
		STORAGE SPACE RELEASED:							+13,976.18, NET COST =	-12,810.79
		PREFERRED METHOD: BURNING , 8-HR SHIFTS REQUIRED =								

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131500284482	C273	CARTRIDGE, 90 MI	P67	2932	119057	M			PROCESSING COST (\$)	9,860.17
		INDIRECT BENEFITS							NO CAPABILITY	
		VALUE OF STORAGE SPACE RELEASED							NO CAPABILITY	
		PROCESSING AND STORAGE COST AVOIDED							RECLAMATION VALUE (\$)	8,467.65
		TOTAL INDIRECT BENEFITS							NET DIRECT COST (\$)	+1,392.72
		STORAGE SPACE RELEASED:							-2,014.09	
		PREFERRED METHOD: DETONATION, 8-HR SHIFTS REQUIRED =							-2,014.09, NET COST =	-17,580.47

* USED AVERAGE STORAGE DENSITY OF 7.8 SQ. FT. PER TON
** USED STORAGE SPACE VALUE OF \$31.90 PER SQ. FT.
*** USED ANNUAL PROCESSING AND STORAGE COSTS OF \$12.67 PER TON

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DECISION MODELS

ECONOMIC EVALUATION OF DEMILITARIZATION
ON-SITE ANALYSIS OF 252 HIGH TONNAGE ITEMS
USING DEC. 1976 INVENTORY
30,000 LBS - OVER

VSV		DDIC		WASHJUT		FURNACE		DETONATION		BURNING	
LOC	QUANTITY	WEIGHT	SRV	LOC	QUANTITY	WEIGHT	SRV	LOC	QUANTITY	WEIGHT	SRV
(EA)	(LBS)	(EA)	(LBS)	(EA)	(LBS)	(EA)	(LBS)	(EA)	(LBS)	(EA)	(LBS)
1315000284854	3000	PROJECTILE AND	P67	1103	94357	4					
INDIRECT BENEFITS											
VALUE OF STORAGE SPACE RELEASED				111,739.20							
PROCESSING AND STORAGE COST AVOIDED				597.77							
TOTAL INDIRECT BENEFITS				112,336.97							
STORAGE SPACE RELEASED:				368.00 SQ. FT.							
PREFERRED METHOD: WASHJUT , 9-HR SHIFTS REQUIRED =				2.77, NET DIRECT COST =							
				-2,264.31, NET COST =							
				-2,254.31							
				NET DIRECT COST (\$)				+7,747.39			
								-14,601.28			

VSV		DDIC		WASHJUT		FURNACE		DETONATION		BURNING	
LOC	QUANTITY	WEIGHT	SRV	LOC	QUANTITY	WEIGHT	SRV	LOC	QUANTITY	WEIGHT	SRV
(EA)	(LBS)	(EA)	(LBS)	(EA)	(LBS)	(EA)	(LBS)	(EA)	(LBS)	(EA)	(LBS)
13150003442313	3000	PROJECTILE AND	P67	9070	772400	4					
INDIRECT BENEFITS											
VALUE OF STORAGE SPACE RELEASED				596,094.28							
PROCESSING AND STORAGE COST AVOIDED				14,893.15							
TOTAL INDIRECT BENEFITS				610,987.43							
STORAGE SPACE RELEASED:				3,012.36 SQ. FT.							
PREFERRED METHOD: WASHJUT , 9-HR SHIFTS REQUIRED =				22.68, NET DIRECT COST =							
				-124,467.61, NET COST =							
				-124,467.61							
				NET DIRECT COST (\$)				+3,918.24			
								-225,455.04			

VSV		DDIC		WASHJUT		FURNACE		DETONATION		BURNING	
LOC	QUANTITY	WEIGHT	SRV	LOC	QUANTITY	WEIGHT	SRV	LOC	QUANTITY	WEIGHT	SRV
(EA)	(LBS)	(EA)	(LBS)	(EA)	(LBS)	(EA)	(LBS)	(EA)	(LBS)	(EA)	(LBS)
13150003442314	3000	PROJECTILE AND	P67	7305	595904	4					
INDIRECT BENEFITS											
VALUE OF STORAGE SPACE RELEASED				145,576.92							
PROCESSING AND STORAGE COST AVOIDED				14,408.53							
TOTAL INDIRECT BENEFITS				160,985.45							
STORAGE SPACE RELEASED:				2,714.01 SQ. FT.							
PREFERRED METHOD: WASHJUT , 9-HR SHIFTS REQUIRED =				19.52, NET DIRECT COST =							
				-15,952.34, NET COST =							
				-15,952.34							
				NET DIRECT COST (\$)				+54,581.35			
								-106,937.79			

* USED AVERAGE STORAGE DENSITY OF 7.8 SQ. FT. PER TON
 ** USED STORAGE SPACE VALUE OF \$31.90 PER SQ. FT.
 *** USED ANNUAL PROCESSING AND STORAGE COSTS OF \$12.67 PER TON

JCAP
DECISION MODELS

ECONOMIC EVALUATION OF DEMILITARIZATION
ON-SITE ANALYSIS OF 252 HIGH TONNAGE ITEMS
USING DEC. 1976 INVENTORY
90,000 LBS - OVER

DESCRIPTION	LOC	QTY	WEIGHT	SRV	METHOD	NET DIRECT COST (\$)	NET COST
			(LBS)				
131500555747 C902 PROJECTILE AND	P67	5738	615744	4	NO CAPABILITY	3,196.07	2,478.82
INDIRECT BENEFITS							
VALUE OF STORAGE SPACE RELEASED							
PROCESSING AND STORAGE COST AVOIDED							
TOTAL INDIRECT BENEFITS							
STORAGE SPACE RELEASED:							
PREFERRED METHOD: WAS40JT , 8-HR SHIFTS REQUIRED =	14.35					-78,742.57	-159,247.62
1315005557201 C140 CTG	P67	6545	162995	N	NO CAPABILITY	17,799.93	11,633.94
INDIRECT BENEFITS							
VALUE OF STORAGE SPACE RELEASED							
PROCESSING AND STORAGE COST AVOIDED							
TOTAL INDIRECT BENEFITS							
STORAGE SPACE RELEASED:							
PREFERRED METHOD: WAS40JT , 8-HR SHIFTS REQUIRED =	6.55					-21,737.96	-43,049.40
1315005557391 C136 CTG	P67	17502	435799	N	NO CAPABILITY	47,591.44	31,105.60
INDIRECT BENEFITS							
VALUE OF STORAGE SPACE RELEASED							
PROCESSING AND STORAGE COST AVOIDED							
TOTAL INDIRECT BENEFITS							
STORAGE SPACE RELEASED:							
PREFERRED METHOD: WAS40JT , 8-HR SHIFTS REQUIRED =	17.50					-58,120.64	-115,099.31

- * USED AVERAGE STORAGE DENSITY OF 7.8 SQ. FT. PER TON
- ** USED STORAGE SPACE VALUE OF \$31.90 PER SQ. FT.
- *** USED ANNUAL PROCESSING AND STORAGE COSTS OF \$12.67 PER TON

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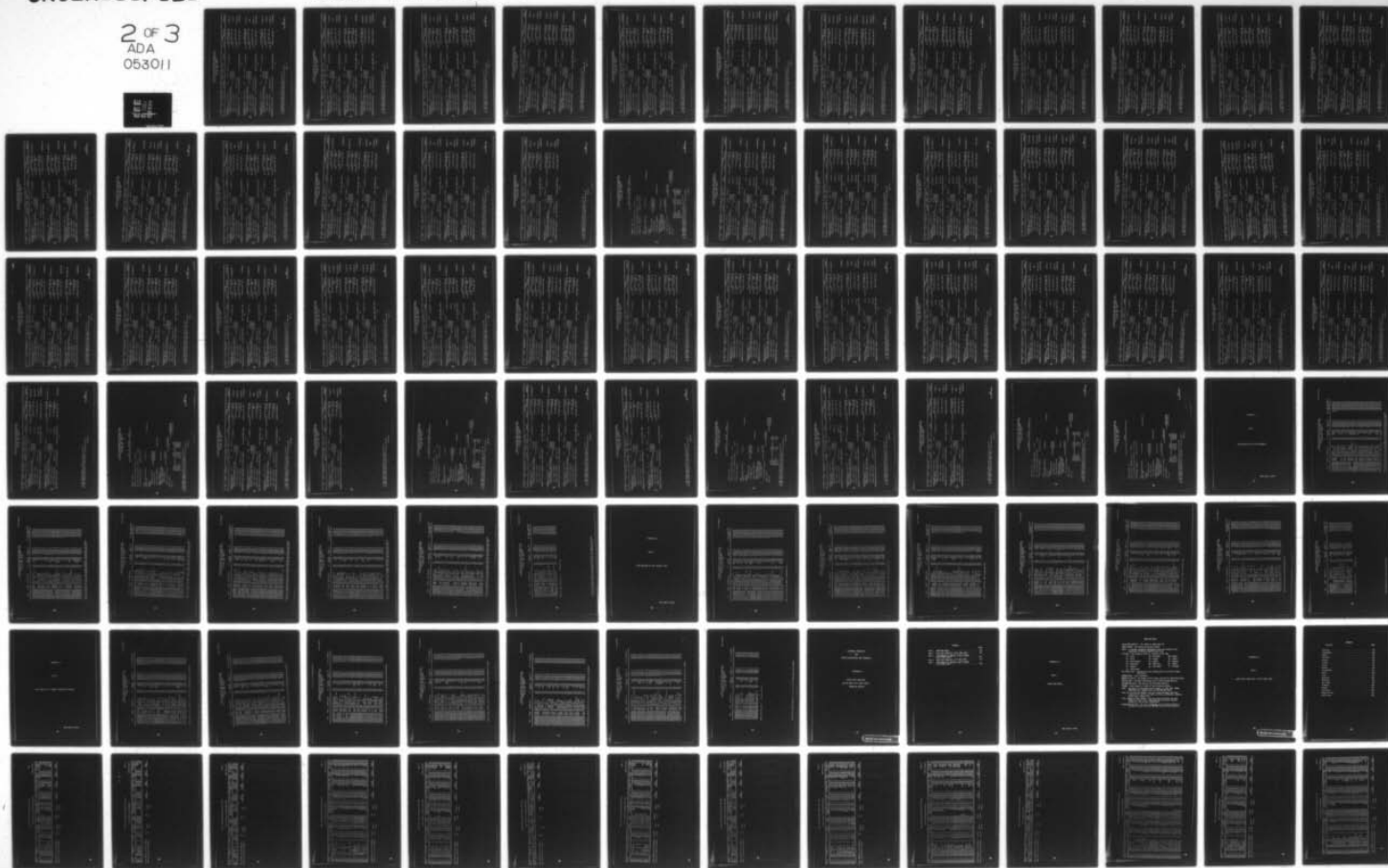
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ECONOMIC ANALYSIS FOR DEMILITARIZATION AND DISPOSAL.(U)
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ECONOMIC EVALUATION OF DEMILITARIZATION
ON-SITE ANALYSIS OF 252 HIGH TONNAGE ITEMS
USING DEC. 1976 INVENTORY
90,000 LBS - JVER

VSN	CDIC	NOMENCLATURE	LOC	QUANTITY	WEIGHT SRV	FURNACE	WASHJUT	METHODS	BURNING
			HANTHORNE	(EA)	(LBS)				
1315007663712			P67	5172	189553	N			
INDIRECT BENEFITS									
VALUE OF STORAGE SPACE RELEASED									
PROCESSING AND STORAGE COST AVOIDED									
TOTAL INDIRECT BENEFITS									
STORAGE SPACE RELEASED:									
739.25 SQ. FT.									
PREFERRED METHOD: WASHJUT									
8-HR SHIFTS REQUIRED =									
6.47, NET DIRECT COST =									
+14,529.55, NET COST =									
-10,254.34									

[illegible]

1315000209275 2560 CARTRIDGE, 105 M	P57	7437	309464 M	NO CAPABILITY	PROCESSING COST (\$)
INDIRECT BENEFITS					91,613.93
VALUE OF STORAGE SPACE RELEASED		\$38,375.38			
PROCESSING AND STORAGE COST AVOIDED		\$1,354.09			

TOTAL INDIRECT BENEFITS		\$40,329.47			1,100.51
STORAGE SPACE RELEASED:	1,202.99	52. FT.			
					NET DIRECT COST (\$)
					+90,513.42
PREFERRED METHOD: BURNING	8-HR SHIFTS REQUIRED =	9.60,	NET DIRECT COST =		+19,780.21, NET COST =
					-20,549.26

- * USED AVERAGE STORAGE DENSITY OF 7.8 SQ. FT. PER TON
- ** USED STORAGE SPACE VALUE OF \$31.90 PER SQ. FT.
- *** USED ANNUAL PROCESSING AND STORAGE COSTS OF \$12.67 PER TON

ECONOMIC EVALUATION OF DEMILITARIZATION
ON-SITE ANALYSIS OF 252 HIGH TONNAGE ITEMS
JUSING DEC. 1976 INVENTORY
90,000 LBS - OVER

USN	DDCIC	NOMENCLATURE	HAWTHORNE	(EA)	FURNACE	MATERIAL	JETONATION	BURNING
LOC	QUANTITY	WEIGHT SRV#	(LBS)					
P67	3414	337200	A					
PROJECTILE AND								
INDIRECT BENEFITS								
VALUE OF STORAGE SPACE RELEASED								
PROCESSING AND STORAGE COST AVOIDED								
TOTAL INDIRECT BENEFITS								
STORAGE SPACE RELEASED:								
1,815.08	SQ. FT.							
PREFERRED METHOD: HAWTHORNE								
3-HR SHIFTS REQUIRED =								
0.54,	NET DIRECT COST =							
-46,850.32,	NET COST =							
-90,937.53								

130000208352 0545 PROJECTILE 155	P67	1923	196146 4	NO CAPABILITY	PROCESSING COST (\$)	NO CAPABILITY
INDIRECT BENEFITS					3,253.62	
VALUE OF STORAGE SPACE RELEASED		\$24,401.91				
PROCESSING AND STORAGE COST AVOIDED		\$1,242.55				

TOTAL INDIRECT BENEFITS		\$25,644.46				
STORAGE SPACE RELEASED:	764.95 SQ. FT.					
PREFERRED METHOD: WASHDUT , 9-HR SHIFTS REQUIRED =			3.70, NET DIRECT COST =			
					-2,913.00, NET COST =	-20,550.34

132000033336	2379	C45.20P	5/54	P67	15431	561978	N	NO CAPABILITY	NO CAPABILITY	PROCESSING COST (\$)
INDIRECT BENEFITS										
VALUE OF STORAGE SPACE RELEASED										
PROCESSING AND STORAGE COST AVOIDED										

TOTAL INDIRECT BENEFITS										
STORAGE SPACE RELEASED: 2,191.72 SQ. FT.										
PREFERRED METHOD: BURNING, 9-HR SHIFTS REQUIRED = 24.21, NET DIRECT COST = -55,706.16, NET COST = -129,182.17										

- * USED AVERAGE STORAGE DENSITY OF 7.8 SQ. FT. PER TON
- ** USED STORAGE SPACE VALUE OF \$31.90 PER SQ. FT.
- *** USED ANNUAL PROCESSING AND STORAGE COSTS OF \$12.67 PER TON

ECONOMIC EVALUATION OF DEMILITARIZATION
ON-SITE ANALYSIS OF 252 HIGH TONNAGE ITEMS
USING DEC. 1976 INVENTORY
90,000 LBS - DVER

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*****
* USN ODDIC W/ENCLOSURE HANTHURVE (24) (LBS) * FURVACE DETONATION BURNING *
*****
132000394292 P67 5343 393788 N 52,556.76 12,099.35 11,343.14
INDIRECT BENEFITS
VALUE OF STORAGE SPACE RELEASED
PROCESSING AND STORAGE COST AVOIDED
TOTAL INDIRECT BENEFITS
STORAGE SPACE RELEASED: 1,535.74 SQ. FT.
PREFERRED METHOD: BURNING , 9-HR SHIFTS REQUIRED = 10.43, NET DIRECT COST = +11,343.14, NET COST = -40,141.57
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1320005297347 P67 2247 222497 N 10,483.38 2,409.85 2,258.30
INDIRECT BENEFITS
VALUE OF STORAGE SPACE RELEASED
PROCESSING AND STORAGE COST AVOIDED
TOTAL INDIRECT BENEFITS
STORAGE SPACE RELEASED: 667.75 SQ. FT.
PREFERRED METHOD: DETONATION, 9-HR SHIFTS REQUIRED = 3.00, NET DIRECT COST = +3,801.81, NET COST = -25,288.96
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*****
1320005820285 P67 1551 38364 N 2,590.80 2,690.80 -432.50
INDIRECT BENEFITS
VALUE OF STORAGE SPACE RELEASED
PROCESSING AND STORAGE COST AVOIDED
TOTAL INDIRECT BENEFITS
STORAGE SPACE RELEASED: 345.38 SQ. FT.
PREFERRED METHOD: BURNING , 8-HR SHIFTS REQUIRED = 2.08, NET DIRECT COST = -432.50, NET COST = -12,011.15
*****

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* USED AVERAGE STORAGE DENSITY OF 7.8 SQ. FT. PER TON
 ** USED STORAGE SPACE VALUE OF \$31.90 PER SQ. FT.
 *** USED ANNUAL PROCESSING AND STORAGE COSTS OF \$12.67 PER TON

JCAP
DECISION MODELS

ECONOMIC EVALUATION OF DEMILITARIZATION
ON-SITE ANALYSIS OF 252 HIGH TONNAGE ITEMS
USING DEC. 1976 INVENTORY
30,000 LBS - OVER

USN	DDIC	NAMECLATURE	LOC	QUANTITY	WEIGHT	SRV	METHODS	BURNING
		HAWTHORNE	(EA)	(LBS)			WASHOUT	DETONATION
1320006071520	PRJ	S-4V, 5/25	P57	2333	152596	N	NO CAPABILITY	
INDIRECT BENEFITS								
VALUE OF STORAGE SPACE RELEASED				113,334.37			PROCESSING COST (\$)	3,859.90
PROCESSING AND STORAGE COST AVOIDED				3956.72			RECLAMATION VALUE (\$)	NONE
TOTAL INDIRECT BENEFITS				117,291.09			NET DIRECT COST (\$)	+3,859.90
STORAGE SPACE RELEASED:				595.14	52. FT.		NET DIRECT COST (\$)	+4,117.23
PREFERRED METHOD: BURNING				9-HR SHIFTS REQUIRED =	3.55,	NET DIRECT COST =	-16,091.79	

1320006071522	PRJ	81M AP, 20	P67	1833	476580	N	NO CAPABILITY	
INDIRECT BENEFITS								
VALUE OF STORAGE SPACE RELEASED				559,291.25			PROCESSING COST (\$)	8,860.98
PROCESSING AND STORAGE COST AVOIDED				13,019.13			RECLAMATION VALUE (\$)	10,298.89
TOTAL INDIRECT BENEFITS				572,310.38			NET DIRECT COST (\$)	-1,437.91
STORAGE SPACE RELEASED:				1,856.66	52. FT.		NET DIRECT COST (\$)	-63,748.29
PREFERRED METHOD: BURNING				9-HR SHIFTS REQUIRED =	6.11,	NET DIRECT COST =		

1320007325332	354	PROJECTILE, 155	P57	31823	7740455	N	NO CAPABILITY	
INDIRECT BENEFITS								
VALUE OF STORAGE SPACE RELEASED				1952,930.50			PROCESSING COST (\$)	8,509.59
PROCESSING AND STORAGE COST AVOIDED				149,035.81			RECLAMATION VALUE (\$)	NONE
TOTAL INDIRECT BENEFITS				2,101,966.31			NET DIRECT COST (\$)	-1,143,807.98
STORAGE SPACE RELEASED:				30,187.79	52. FT.		NET DIRECT COST (\$)	-131,781.67
PREFERRED METHOD: WASHOUT				9-HR SHIFTS REQUIRED =	157.35,	NET DIRECT COST =		

* USED AVERAGE STORAGE DENSITY OF 7.8 SQ. FT. PER TON
 ** USED STORAGE SPACE VALUE OF \$31.90 PER SQ. FT.
 *** USED ANNUAL PROCESSING AND STORAGE COSTS OF \$12.67 PER TON

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DECISION MODELS

[illegible]

PREFERRED METHOD: DETECTION, 8-HR SHIFTS REQUIRED = 3.79, NET DIRECT COST = +5,496.41, NET COST = -10,757.88

1325000304582	EL16	BOMB, DEPTH 44 5	P67	1635	552580 N
INDIRECT BENEFITS					
VALUE OF STORAGE SPACE RELEASED				\$68,758.86	
PROCESSING AND STORAGE COST AVOIDED				\$3,531.23	

TOTAL INDIRECT BENEFITS				\$72,290.09	
STORAGE SPACE RELEASED: 2,155.45 SJ. FT.					

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PREFERRERD MET-HCS: WASYJJT      3-H2 SHIFTS REQUIRED = 70.21, NET DIRECT COST = -96,567.32, NET COST = -168,827.41
                                0.00

```

	P67	5613	99270 N		VS CAPABILITY	PROCESSING COST (\$)	ND CAPABILITY
INDIRECT BEVEFITS					349.96	449.96	
VALUE OF STORAGE SPACE RELEASED		\$12,351.36					
PROCESSING AND STORAGE COST AVOIDED	*****	\$628.94					
TOTAL INDIRECT BEVEFITS		\$12,980.30			14,758.14	NDNE	
STORAGE SPACE RELEASED:	387.19 SQ. FT.				-14,408.18	NET DIRECT COST (\$)	
						+449.96	

PREFERRED METHOD: FRYANCE , 9-HR SHIFTS REQUIRED = 0.28, NET DIRECT COST = -14,408.18, NET COST = -27,388.68

- * USED AVERAGE STORAGE DENSITY OF 7.8 SQ. FT. PER TON
- ** USED STORAGE SPACE VALUE OF \$31.90 PER SQ. FT.
- *** USED ANNUAL PROCESSING AND STORAGE COSTS OF \$12.67 PER TON

ECONOMIC EVALUATION OF DEMILITARIZATION
ON-SITE ANALYSIS OF 252 HIGH TONNAGE ITEMS
USING DEC. 1976 INVENTORY
80,000 LBS - OVER

ASN	DDIC	NAME/CLATURE	LOC	QUANTITY	WEIGHT SRV	METHODS	NO CAPABILITY	NO CAPABILITY	NO CAPABILITY	BURNING
				(EA)	(LBS)					
132500070389	E191	DISP/304 CBJ 15	P67	1122	341500 M					
INDIRECT BENEFITS										
VALUE OF STORAGE SPACE RELEASED										
PROCESSING AND STORAGE COST AVOIDED										
TOTAL INDIRECT BENEFITS										
STORAGE SPACE RELEASED: 3,281.85 SQ. FT.										
PREFERRED METHOD: DETONATION, 9-HR SHIFTS REQUIRED = 11.22, NET DIRECT COST = -5,688.92, NET COST = -116,710.04										

ASN	DDIC	NAME/CLATURE	LOC	QUANTITY	WEIGHT SRV	METHODS	NO CAPABILITY	NO CAPABILITY	NO CAPABILITY	BURNING
				(EA)	(LBS)					
132500050586	F497	CLUSTER/CM AGT	P67	1990	93530 M					
INDIRECT BENEFITS										
VALUE OF STORAGE SPACE RELEASED										
PROCESSING AND STORAGE COST AVOIDED										
TOTAL INDIRECT BENEFITS										
STORAGE SPACE RELEASED: 364.81 SQ. FT.										
PREFERRED METHOD: BURNING, 9-HR SHIFTS REQUIRED = 9.95, NET DIRECT COST = +396.41, NET COST = -11,833.61										

ASN	DDIC	NAME/CLATURE	LOC	QUANTITY	WEIGHT SRV	METHODS	NO CAPABILITY	NO CAPABILITY	NO CAPABILITY	BURNING
				(EA)	(LBS)					
134000028509	4500	ROCKET, TEAT, 3.5	P67	150751	1356349 M					
INDIRECT BENEFITS										
VALUE OF STORAGE SPACE RELEASED										
PROCESSING AND STORAGE COST AVOIDED										
TOTAL INDIRECT BENEFITS										
STORAGE SPACE RELEASED: 5,291.68 SQ. FT.										
PREFERRED METHOD: BURNING, 9-HR SHIFTS REQUIRED = 251.27, NET DIRECT COST = +103,747.69, NET COST = -73,652.48										

* USED AVERAGE STORAGE DENSITY OF 7.8 SQ. FT. PER TON
 ** USED STORAGE SPACE VALUE OF \$31.90 PER SQ. FT.
 *** USED ANNUAL PROCESSING AND STORAGE COSTS OF \$12.67 PER TON

JCAP
DECISION MODELS

ECONOMIC EVALUATION OF DEMILITARIZATION
ON-SITE ANALYSIS OF 252 HIGH TONNAGE ITEMS
USING DEC. 1976 INVENTORY
80,000 LBS - OVER

NSN	DDIC	WMEVCLATRE	LOC	QJANTITY	WEIGHT	SAV	METHODS	BURNING
		MAWTHIRNE	(EA)	(LBS)			FURNACE	
13400028092	4601	RCKET,PRACTICE	P67	76135	592707	M	PROCESSING COST (\$)	82,075.78
INDIRECT BENEFITS								
VALUE OF STORAGE SPACE RELEASED								
PROCESSING AND STORAGE COST AVOIDED								16,628.80
TOTAL INDIRECT BENEFITS								+65,246.98
STORAGE SPACE RELEASED:								
2,652.53 SQ. FT.								
PREFERRED METHOD: BURNING , 8-HR SHIFTS REQUIRED =								152.39, NET DIRECT COST =
								+66,246.98, NET COST =
								-23,012.63

13400028093	4602	RCKET,SMOKE,3.	P67	99359	890346	M	PROCESSING COST (\$)	39,747.60
INDIRECT BENEFITS								
VALUE OF STORAGE SPACE RELEASED								
PROCESSING AND STORAGE COST AVOIDED								21,686.29
TOTAL INDIRECT BENEFITS								+18,061.31
STORAGE SPACE RELEASED:								
3,472.33 SQ. FT.								
PREFERRED METHOD: BURNING , 8-HR SHIFTS REQUIRED =								177.44, NET DIRECT COST =
								+10,061.31, NET COST =
								-98,346.32

134000385277	4435	RDJ 53, RKT	P67	34927	33309	N	PROCESSING COST (\$)	196,141.23
INDIRECT BENEFITS								
VALUE OF STORAGE SPACE RELEASED								
PROCESSING AND STORAGE COST AVOIDED								108,077.23
TOTAL INDIRECT BENEFITS								+88,064.00
STORAGE SPACE RELEASED:								
363.87 SQ. FT.								
PREFERRED METHOD: BURNING , 8-HR SHIFTS REQUIRED =								108.20, NET DIRECT COST =
								+88,064.00, NET COST =
								+75,065.49

* USED AVERAGE STORAGE DENSITY OF 7.8 SQ. FT. PER TON
** USED STORAGE SPACE VALUE OF \$31.90 PER SQ. FT.
*** USED ANNUAL PROCESSING AND STORAGE COSTS OF \$12.67 PER TON

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DECISION MODELS

ECONOMIC EVALUATION OF DEMILITARIZATION
ON-SITE ANALYSIS OF 252 HIGH TONNAGE ITEMS
USING DEC. 1976 INVENTORY
90,000 LBS - OVER

QSN	DESCRIPTION	LOC	QTY	WEIGHT	SAV	METHODS	NET COST	NO CAPABILITY	BURNING
134000388357	4922 H40, RKT 5.00 HE	P57	3329	197767 N		PROCESSING COST (\$)			
	INDIRECT BENEFITS					12,494.18			
	VALUE OF STORAGE SPACE RELEASED				\$24,803.19				
	PROCESSING AND STORAGE COST AVOIDED				\$1,252.81				
	TOTAL INDIRECT BENEFITS				\$25,056.00				
	STORAGE SPACE RELEASED:				771.26 SQ. FT.				
	PREFERRED METHOD: WASHTJ				3.83, NET DIRECT COST =	+2,982.98, NET COST =			-22,873.02
134000388395	4655 RT TY22	P67	1813	93532 N		PROCESSING COST (\$)			751.13
	INDIRECT BENEFITS					1,122.25			
	VALUE OF STORAGE SPACE RELEASED				\$11,637.44				
	PROCESSING AND STORAGE COST AVOIDED				\$592.58				
	TOTAL INDIRECT BENEFITS				\$12,230.02				424.24
	STORAGE SPACE RELEASED:				364.81 SQ. FT.				
	PREFERRED METHOD: BURNING				1.81, NET DIRECT COST =	+326.89, NET COST =			+326.89
									-11,903.13
134000388444	RKT 4312R, 5.00	P57	54004	7321788 N		PROCESSING COST (\$)			182,738.94
	INDIRECT BENEFITS								
	VALUE OF STORAGE SPACE RELEASED				\$910,902.59				
	PROCESSING AND STORAGE COST AVOIDED				\$46,333.48				
	TOTAL INDIRECT BENEFITS				\$957,236.07				57,457.90
	STORAGE SPACE RELEASED:				26,556.94 SQ. FT.				
	PREFERRED METHOD: BURNING				168.01, NET DIRECT COST =	+125,281.04, NET COST =			+125,281.04
									-832,005.03

* USED AVERAGE STORAGE DENSITY OF 7.8 SQ. FT. PER TON
 ** USED STORAGE SPACE VALUE OF \$31.90 PER SQ. FT.
 *** USED ANNUAL PROCESSING AND STORAGE COSTS OF \$12.67 PER TON

JCAP
DECISION MODELS

ECONOMIC EVALUATION OF DEMILITARIZATION
ON-SITE ANALYSIS OF 252 HIGH TONNAGE ITEMS
USING DEC. 1976 INVENTORY
30,000 LBS - OVER

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*****
* USN DDDIC W/ENCLOSURE *****
* LOC QUANTITY HEIGHT SRV *****
* HAWTHORNE (EA) (LBS) *****
* P67 55014 492325 4 *****
1340001437117 4500 ROCKET, HEAT, 3.5 *****
INDIRECT BENEFITS *****
VALUE OF STORAGE SPACE RELEASED *****
PROCESSING AND STORAGE COST AVOIDED *****
TOTAL INDIRECT BENEFITS *****
STORAGE SPACE RELEASED: 1,922.39 SQ. FT.
*****
PREFERRED METHOD: WAS40JT , 8-HR SHIFTS REQUIRED = 91.69, NET DIRECT COST = 91.69, NET DIRECT COST = +3,122.59, NET COST = -61,324.30
*****

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*****
* WAS40JT *****
* PROCESSING COST ($) *****
* 15,128.85 NO CAPABILITY *****
* RECLAMATION VALUE ($) *****
* 12,006.26 *****
* NET DIRECT COST ($) *****
* +3,122.59 *****
*****

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*****
* 1340006077171 *****
* INDIRECT BENEFITS *****
* VALUE OF STORAGE SPACE RELEASED *****
* PROCESSING AND STORAGE COST AVOIDED *****
TOTAL INDIRECT BENEFITS *****
STORAGE SPACE RELEASED: 352.09 SQ. FT.
*****
PREFERRED METHOD: DETONATION, 8-HR SHIFTS REQUIRED = 2.36, NET DIRECT COST = 2.36, NET DIRECT COST = +3,387.65, NET COST = -8,415.94
*****

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*****
* 134000608408 *****
* INDIRECT BENEFITS *****
* VALUE OF STORAGE SPACE RELEASED *****
* PROCESSING AND STORAGE COST AVOIDED *****
TOTAL INDIRECT BENEFITS *****
STORAGE SPACE RELEASED: 371.44 SQ. FT.
*****
PREFERRED METHOD: BURNING , 8-HR SHIFTS REQUIRED = 3.09, NET DIRECT COST = 3.09, NET DIRECT COST = +2,696.40, NET COST = -9,755.89
*****

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* USED AVERAGE STORAGE DENSITY OF 7.8 SQ. FT. PER TON
 ** USED STORAGE SPACE VALUE OF \$31.90 PER SQ. FT.
 *** USED ANNUAL PROCESSING AND STORAGE COSTS OF \$12.67 PER TON

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DECISION MODELS

[illegible]

PREFERRED METHOD: WAS-13JT , 3-HR SHIFTS REQUIRED = 36.67, NET DIRECT COST = -21,646.53, NET COST = -103,451.00

1351000763172	MINE	39	0	P67	58	112085 N	NO CAPABILITY	PROCESSING COST (\$)	7,229.54	2,803.80	NO CAPABILITY
INDIRECT BENEFITS											
VALUE OF STORAGE SPACE RELEASED											
PROCESSING AND STORAGE COST AVOIDED											
TOTAL INDIRECT BENEFITS											
STORAGE SPACE RELEASED:											
NET DIRECT COST (\$)											
NET DIRECT COST (\$)											
RECLAMATION VALUE (\$)											
NONE											
437.11 SQ. FT.											
+6,589.80											
+2,803.80											

REFERRED METHOD: DETRIALTY, 9-HR SHIFTS REQUIRED = 1.93, NET DIRECT COST = +2,803.80, NET COST = -11,850.04

[illegible]

PREFERRED METHOD: DETACHMENT. 9-HR SHIFTS REQUIRED = 33.30. NET DIRECT COST = +48,293.00. NET COST = -204,117.94

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[illegible]

CASE	18	0	P67	430	922670 N
INDIRECT BENEFITS					
VALUE OF STORAGE SPACE RELEASED				\$114,730.56	
PROCESSING AND STORAGE COST AVOIDED				35,345.18	

TOTAL INDIRECT BENEFITS				\$120,535.74	
STORAGE SPACE RELEASED:			3,598.45	SQ. FT.	

135100033056	25	1	P67	230	403420 N	ND CAPABILITY	PROCESSING COST (\$)	ND CAPABILITY
INDIRECT BENEFITS								
VALUE OF STORAGE SPACE RELEASED				\$50,139.55			25,479.91	5,671.10
PROCESSING AND STORAGE COST AVOIDED				\$2,555.67				

TOTAL INDIRECT BENEFITS				\$52,745.22				
STORAGE SPACE RELEASED: 1,573.34 SQ. FT.								
PREFERRED METHOD: DETINATION, 8-HR SHIFTS REQUIRED = 4.60, NET DIRECT COST = +6,671.10, NET COST = -46,074.12								

**JCAP
DECISION MODELS**

ECONOMIC EVALUATION OF DEMILITARIZATION
ON-SITE ANALYSIS OF 252 HIGH TONNAGE ITEMS
JUNES DEC. 1976 INVENTORY
80,000 LBS - OVER

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*****
* VSN DDDIC VOMENCLATURE LOC QJANTITY HEIGHT SAV* * MET+JDS BURNING *
* ***** MANTHORNE (EA) (LBS) * * FJRACE ***** DETONATION *****
*****
135100030619 R740 CASE 25 1 P67 5170 9068180 N NO CAPABILITY PROCESSING COST ($) NO CAPABILITY
INDIRECT BENEFITS $1,125,172.21
VALUE OF STORAGE SPACE RELEASED $57,446.92
PROCESSING AND STORAGE COST AVOIDED *****
TOTAL INDIRECT BENEFITS $1,182,619.13
STORAGE SPACE RELEASED: 35,365.90 SQ. FT.
PREFERRED METHOD: DETONATION, 8-HR SHIFTS REQUIRED = 103.40, NET DIRECT COST = +149,954.82, NET COST = -1,035,664.31
*****
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*****
135100030623 CASE 39 0 P67 605 1081710 N NO CAPABILITY PROCESSING COST ($) NO CAPABILITY
INDIRECT BENEFITS $134,576.85
VALUE OF STORAGE SPACE RELEASED $6,852.70
PROCESSING AND STORAGE COST AVOIDED *****
TOTAL INDIRECT BENEFITS $141,429.55
STORAGE SPACE RELEASED: 4,218.71 SQ. FT.
PREFERRED METHOD: DETONATION, 8-HR SHIFTS REQUIRED = 20.20, NET DIRECT COST = +29,294.85, NET COST = -112,134.70
*****
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*****
135100030659 3459 BATT CAPRT, LDD P57 134 381248 N NO CAPABILITY PROCESSING COST ($) NO CAPABILITY
INDIRECT BENEFITS $47,430.20
VALUE OF STORAGE SPACE RELEASED $2,415.16
PROCESSING AND STORAGE COST AVOIDED *****
TOTAL INDIRECT BENEFITS $49,845.36
STORAGE SPACE RELEASED: 1,486.84 SQ. FT.
PREFERRED METHOD: FURNACE, 8-HR SHIFTS REQUIRED = 0.01, NET DIRECT COST = -992.62, NET COST = -50,837.98
*****
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* USED AVERAGE STORAGE DENSITY OF 7.8 SQ. FT. PER TON
** USED STORAGE SPACE VALUE OF \$31.90 PER SQ. FT.
*** USED ANNUAL PROCESSING AND STORAGE COSTS OF \$12.67 PER TON

JCAP
DECISION MODELS

ECONOMIC EVALUATION OF DEMILITARIZATION
ON-SITE ANALYSIS OF 252 HIGH TONNAGE ITEMS
USING DEC. 1976 INVENTORY
90,000 LBS - OVER

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*****
* VSN 033C Nomenclature LDC QUANTITY HEIGHT SRV * FRYACE DETONATION BURNING *
* HAWTHORNE (EA) (LBS) *
*****
1351007070666 CASE 30 2 P67 3549 1778230 N
INDIRECT BENEFITS $221,230.37
VALUE OF STORAGE SPACE RELEASED $11,255.15
PROCESSING AND STORAGE COST AVOIDED $232,486.12
TOTAL INDIRECT BENEFITS $232,486.12
STORAGE SPACE RELEASED: 6,935.14 SQ. FT.
PREFERRED METHOD: WASTJUT , 8-HR SHIFTS REQUIRED = 137.46, NET DIRECT COST = -185,703.25
*****

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*****
1351007070666 36 2 P67 339 302510 N
INDIRECT BENEFITS $37,536.58
VALUE OF STORAGE SPACE RELEASED $1,916.45
PROCESSING AND STORAGE COST AVOIDED $33,553.04
TOTAL INDIRECT BENEFITS $33,553.04
STORAGE SPACE RELEASED: 1,179.83 SQ. FT.
PREFERRED METHOD: BURNING , 8-HR SHIFTS REQUIRED = 6.76, NET DIRECT COST = -31,635.46
*****

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*****
1350002024908 40,434 17 3 P57 391 482494 N
INDIRECT BENEFITS $50,027.83
VALUE OF STORAGE SPACE RELEASED $3,056.54
PROCESSING AND STORAGE COST AVOIDED $53,084.47
TOTAL INDIRECT BENEFITS $53,084.47
STORAGE SPACE RELEASED: 1,681.75 SQ. FT.
PREFERRED METHOD: DETONATION, 8-HR SHIFTS REQUIRED = 13.03, NET DIRECT COST = -44,183.01
*****

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* USED AVERAGE STORAGE DENSITY OF 7.8 SQ. FT. PER TON
 ** USED STORAGE SPACE VALUE OF \$31.90 PER SQ. FT.
 *** USED ANNUAL PROCESSING AND STORAGE COSTS OF \$12.67 PER TON

JCAP
DECISION MODELS

ECONOMIC EVALUATION OF DEMILITARIZATION
ON-SITE ANALYSIS OF 252 HIGH TONNAGE ITEMS
USING DEC. 1976 INVENTORY
30,000 LBS - OVER

NSN	DDIC	NOMENCLATURE	LDC	QUANTITY	WEIGHT SRV	METHODS	DETONATION	BURNING
				(EA)	(LBS)			
135100088134		TL ASSY, 3-0, 2, 3	P67	13531	127367 N			
INDIRECT BENEFITS								
VALUE OF STORAGE SPACE RELEASED								
PROCESSING AND STORAGE COST AVOIDED								
TOTAL INDIRECT BENEFITS								
STORAGE SPACE RELEASED: 498.65 SQ. FT.								
PREFERRED METHOD: BURNING, 9-HR SHIFTS REQUIRED = 54.12, NET DIRECT COST = +49,057.99, NET COST = +32,341.06								

NSN	DDIC	NOMENCLATURE	LDC	QUANTITY	WEIGHT SRV	METHODS	DETONATION	BURNING
				(EA)	(LBS)			
135100088477		5513 AND, DC, MK 4-0, 3	P67	15065	813081 N			
INDIRECT BENEFITS								
VALUE OF STORAGE SPACE RELEASED								
PROCESSING AND STORAGE COST AVOIDED								
TOTAL INDIRECT BENEFITS								
STORAGE SPACE RELEASED: 3,171.01 SQ. FT.								
PREFERRED METHOD: WASHJIT, 9-HR SHIFTS REQUIRED = 107.75, NET DIRECT COST = -107,948.11, NET COST = -214,254.19								

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NSN	DDIC	NOMENCLATURE	LDC	QUANTITY	WEIGHT SRV	METHODS	DETONATION	BURNING
				(EA)	(LBS)			
135100088999		C-55, DC, LDD 9-0	P67	9317	3043270 N			
INDIRECT BENEFITS								
VALUE OF STORAGE SPACE RELEASED								
PROCESSING AND STORAGE COST AVOIDED								
TOTAL INDIRECT BENEFITS								
STORAGE SPACE RELEASED: 11,868.79 SQ. FT.								
PREFERRED METHOD: WASHJIT, 9-HR SHIFTS REQUIRED = 70.12, NET DIRECT COST = -509,721.02, NET COST = -907,614.60								

* USED AVERAGE STORAGE DENSITY OF 7.8 SQ. FT. PER TON
** USED STORAGE SPACE VALUE OF \$31.90 PER SQ. FT.
*** USED ANNUAL PROCESSING AND STORAGE COSTS OF \$12.67 PER TON

JCAP
DECISION MODELS

ECONOMIC EVALUATION OF DEMILITARIZATION
ON-SITE ANALYSIS OF 252 HIGH TONNAGE ITEMS
USING DEC. 1976 INVENTORY
90,000 LBS - OVER

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*****
* VSN      QDDIC  NOMENCLATURE      LOC  QUANTITY  WEIGHT SRV*  *  FJNAME      METHODS      BURNING
*          *          *          *          *          *          *          *          *          *
1351000022996  S525 CASE,DC,LDD 3-4  P67      6255  2189250 N  NO CAPABILITY      PROCESSING COST ($)      3,734.24  NO CAPABILITY
INDIRECT BENEFITS
VALUE OF STORAGE SPACE RELEASED      $272,355.71
PROCESSING AND STORAGE COST AVOIDED    $13,358.36
TOTAL INDIRECT BENEFITS                $285,714.07
STORAGE SPACE RELEASED:                8,538.11 SQ. FT.
PREFERRED METHOD: DETONATION, 8-HR SHIFTS REQUIRED = 41.70, NET DIRECT COST = +3,734.24, NET COST = -282,500.43
*****

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1361005409439  S526 OC,HE,7.2  MK4  P67      14845  923655 N  NO CAPABILITY      PROCESSING COST ($)      2,033.77  NO CAPABILITY
INDIRECT BENEFITS
VALUE OF STORAGE SPACE RELEASED      $114,912.41
PROCESSING AND STORAGE COST AVOIDED    $5,351.39
TOTAL INDIRECT BENEFITS                $120,263.80
STORAGE SPACE RELEASED:                3,602.27 SQ. FT.
PREFERRED METHOD: WASHJET , 8-HR SHIFTS REQUIRED = 106.04, NET DIRECT COST = -100,352.20, NET COST = -221,116.00
*****

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*****
1351000027174  DC,PRAC,4.00  P67      7455  185375 N  NO CAPABILITY      PROCESSING COST ($)      21,623.08  21,623.08
INDIRECT BENEFITS
VALUE OF STORAGE SPACE RELEASED      $23,137.47
PROCESSING AND STORAGE COST AVOIDED    $1,140.72
TOTAL INDIRECT BENEFITS                $24,278.19
STORAGE SPACE RELEASED:                726.88 SQ. FT.
PREFERRED METHOD: BURNING , 8-HR SHIFTS REQUIRED = 14.91, NET DIRECT COST = +21,623.08, NET COST = -2,745.11
*****

```

* USED AVERAGE STORAGE DENSITY OF 7.8 SQ. FT. PER TON
 ** USED STORAGE SPACE VALUE OF \$31.90 PER SQ. FT.
 *** USED ANNUAL PROCESSING AND STORAGE COSTS OF \$12.67 PER TON

JCAP
DECISION MODELS

ECONOMIC EVALUATION OF DEMILITARIZATION
ON-SITE ANALYSIS OF 252 HIGH TONNAGE ITEMS
USING DEC. 1976 INVENTORY
92,000 LBS - OVER

```

*****
* VSN      DDIC  NUMENCLATURE      LOC  QUANTITY  WEIGHT SRV*  *
*          *          *          *          *          *          *
*          *          *          *          *          *          *
*****
135500253275 4951 443 545 1056 41  P67  2125  233360  N  *
INDIRECT BENEFITS      *          *          *          *          *
VALUE OF STORAGE SPACE RELEASED      $29,034.40  *
PROCESSING AND STORAGE COST AVOIDED  $1,431.50  *
TOTAL INDIRECT BENEFITS      $30,575.90  *
STORAGE SPACE RELEASED:      912.05 SQ. FT.  *
PREFERRED METHOD: BURNING , 8-HR SHIFTS REQUIRED = 14.17, NET DIRECT COST = +7,929.98, NET COST = -22,645.92
*****

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*****
1376004722647  COMP 43, RECLND  P67  1081298  1081298  N  *
INDIRECT BENEFITS      *          *          *          *          *
VALUE OF STORAGE SPACE RELEASED      $136,524.53  *
PROCESSING AND STORAGE COST AVOIDED  $5,850.04  *
TOTAL INDIRECT BENEFITS      $141,374.57  *
STORAGE SPACE RELEASED:      4,217.07 SQ. FT.  *
PREFERRED METHOD: BURNING , 3-HR SHIFTS REQUIRED = 18.02, NET DIRECT COST = +22,869.45, NET COST = -118,505.12
*****

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*****
1376005283333  TMT, TY 1  P67  110055  110055  N  *
INDIRECT BENEFITS      *          *          *          *          *
VALUE OF STORAGE SPACE RELEASED      $13,592.44  *
PROCESSING AND STORAGE COST AVOIDED  $697.23  *
TOTAL INDIRECT BENEFITS      $14,289.67  *
STORAGE SPACE RELEASED:      429.23 SQ. FT.  *
PREFERRED METHOD: BURNING , 8-HR SHIFTS REQUIRED = 1.83, NET DIRECT COST = +2,327.66, NET COST = -12,062.01
*****

```

* USED AVERAGE STORAGE DENSITY OF 7.8 SQ. FT. PER TON
** USED STORAGE SPACE VALUE OF \$31.90 PER SQ. FT.
*** USED ANNUAL PROCESSING AND STORAGE COSTS OF \$12.67 PER TON

JCAP
DECISION MODELS

ECONOMIC EVALUATION OF DEMILITARIZATION
ON-SITE ANALYSIS OF 252 HIGH TONNAGE ITEMS
JUNG DEC. 1975 INVENTORY
90,000 LBS - OVER

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*****
*   USN   DDDIC  NUNENCLATURE  LUC QUANTITY WEIGHT SRV *   FURNACE  METHODS  BURNING *
*****
*   1375006720255  TNT, RECLAIMED  P67  2372153  2372163  V  NO CAPABILITY  NO CAPABILITY  172,029.26  172,029.26
*   INDIRECT BENEFITS  VALUE OF STORAGE SPACE RELEASED  $235,120.30
*   PROCESSING AND STORAGE COST AVOIDED  $15,027.53
*   TOTAL INDIRECT BENEFITS  $310,147.93
*   STORAGE SPACE RELEASED:  9,251.42 SQ. FT.
*   PREFERRED METHOD: DETONATION, 9-HR SHIFTS REQUIRED =  110.61, NET DIRECT COST =  +172,029.26, NET COST =  -130,110.67
*****

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*****
*   1376009084216  HMX-1, GRD B  P67  97310  97310  V  NO CAPABILITY  NO CAPABILITY  2,058.11  2,058.11
*   INDIRECT BENEFITS  VALUE OF STORAGE SPACE RELEASED  $12,107.65
*   PROCESSING AND STORAGE COST AVOIDED  $516.52
*   TOTAL INDIRECT BENEFITS  $12,724.17
*   STORAGE SPACE RELEASED:  379.55 SQ. FT.
*   PREFERRED METHOD: BURNING , 9-HR SHIFTS REQUIRED =  1.62, NET DIRECT COST =  +2,058.11, NET COST =  -10,666.06
*****

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112

* USED AVERAGE STORAGE DENSITY OF 7.8 SQ. FT. PER TON
 ** USED STORAGE SPACE VALUE OF \$31.90 PER SQ. FT.
 *** USED ANNUAL PROCESSING AND STORAGE COSTS OF \$12.67 PER TON

JCAP
DECISION MODELS

ECONOMIC EVALUATION OF DEMILITARIZATION
ON-SITE ANALYSIS OF 252 HIGH TONNAGE ITEMS
USING DEC. 1976 INVENTORY
80,000 LBS - OVER

TOTALS FOR HANTHORNE (P57)

NUMBER OF ITEMS 33

WEIGHT OF ITEMS FOR DEMIL (TONS) = 38,135.3

NO. OF 34R SHIFTS REQUIRED FOR DEMIL = 3,453.95

STORAGE SPACE RELEASED = 297,833.84 SQ. FT.

COST
DIRECT COST-PROCESSING 3,429,309.89
TOTAL COSTS 3,429,309.89

BENEFITS
DIRECT RECLAMATION VALUE 5,845,171.33
NET DIRECT COST -2,415,251.34

TOTAL DIRECT BENEFITS 5,845,171.83

INDIRECT BENEFITS
VALUE OF SPACE RELEASED 9,502,494.55
ANNUAL PROCESSING AND STORAGE INSPECTION COSTS AVOIDED 483,870.35

TOTAL INDIRECT BENEFITS 9,986,364.91

TOTAL BENEFITS 15,831,536.74
NET COST -12,401,525.35

METHOD	SHIFTS	TONS
EXTRAC	482.77	3,691.7
WASH/DRY	1,539.13	16,860.7
DETENTION	360.92	9,518.1
BURNING	1,091.13	8,115.8

* USED AVERAGE STORAGE DENSITY OF 7.8 SQ. FT. PER TON
** USED STORAGE SPACE VALUE OF \$31.90 PER SQ. FT.
*** USED ANNUAL PROCESSING AND STORAGE COSTS OF \$12.67 PER TON

JCAP
DECISION MODELS

ECONOMIC EVALUATION OF DEMILITARIZATION
ON-SITE ANALYSIS OF 252 HIGH TONNAGE ITEMS
USING DEC. 1976 INVENTORY
80,000 LBS - OVER

```
*****
* VSN      DDIC  VMENCLATURE  LOC  QUANTITY  WEIGHT SRV  *
*          *CALESTER  (EA)  (LBS)  *  *  FURNACE  *  *  *  *
*****
1305000420556  PRJ 2044 SA  P66  503690  131463  N
INDIRECT BENEFITS
VALUE OF STORAGE SPACE RELEASED      $16,354.81
PROCESSING AND STORAGE COST AVOIDED    $382.80
TOTAL INDIRECT BENEFITS                $17,137.61
STORAGE SPACE RELEASED:                512.69 SQ. FT.
PREFERRED METHOD: FURNACE , 8-HR SHIFTS REQUIRED = 28.78, NET DIRECT COST = -10,204.76, NET COST = -27,392.37
*****
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*****
1305000286296 4525 CTS.50 AP M2  P66  2932760  2556517  N
INDIRECT BENEFITS
VALUE OF STORAGE SPACE RELEASED      $318,056.72
PROCESSING AND STORAGE COST AVOIDED    $16,195.55
TOTAL INDIRECT BENEFITS                $334,252.27
STORAGE SPACE RELEASED:                9,970.43 SQ. FT.
PREFERRED METHOD: FURNACE , 8-HR SHIFTS REQUIRED = 148.98, NET DIRECT COST = -924,968.56, NET COST = -1,159,220.83
*****
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*****
1305000286427 4570 CTS.50 IR M17  P66  1193450  297169  N
INDIRECT BENEFITS
VALUE OF STORAGE SPACE RELEASED      $35,269.55
PROCESSING AND STORAGE COST AVOIDED    $1,382.51
TOTAL INDIRECT BENEFITS                $36,952.06
STORAGE SPACE RELEASED:                1,158.92 SQ. FT.
PREFERRED METHOD: FURNACE , 8-HR SHIFTS REQUIRED = 18.08, NET DIRECT COST = -35,290.31, NET COST = -74,142.37
*****
```

* USED AVERAGE STORAGE DENSITY OF 7.8 SQ. FT. PER TJM
** USED STORAGE SPACE VALUE OF \$31.90 PER SQ. FT.
*** USED ANNUAL PROCESSING AND STORAGE COSTS OF \$12.67 PER TJM

JCAP
DECISION MODELS

ECONOMIC EVALUATION OF DEMILITARIZATION
ON-SITE ANALYSIS OF 252 HIGH TONNAGE ITEMS
USING DEC. 1976 INVENTORY
90,000 LBS - OVER

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*****
*   VSN   ODDIC   W/INCLATURE   LDC   QUANTITY   WEIGHT SRV   *   FURNACE   DETONATION   BURNING   *
*   *****   *****   *****   (EA)   (LBS)   *   *****   *****   *****   *****   *
*   1305000391050  A746  CTG,20MM  HEI-01   P68   194019  110590  N   16,468.33  NO CAPABILITY  28,179.32  NO CAPABILITY
*   INDIRECT BENEFITS   VALUE OF STORAGE SPACE RELEASED   $13,759.75
*   PROCESSING AND STORAGE COST AVOIDED   1700.65
*   TOTAL INDIRECT BENEFITS   $14,460.40
*   STORAGE SPACE RELEASED:   431.34 SQ. FT.
*   PREFERRED METHOD: FURNACE , 8-HR SHIFTS REQUIRED = 11.09, NET DIRECT COST = -3,930.83, NET COST = -18,391.23
*****
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*****
*   1305000391050  A745  CTG,20MM  HEI   P68   2568903  1464220  N   219,040.42  NO CAPABILITY  373,093.67  NO CAPABILITY
*   INDIRECT BENEFITS   VALUE OF STORAGE SPACE RELEASED   $182,153.67
*   PROCESSING AND STORAGE COST AVOIDED   19,275.83
*   TOTAL INDIRECT BENEFITS   $191,429.50
*   STORAGE SPACE RELEASED:   5,710.46 SQ. FT.
*   PREFERRED METHOD: FURNACE , 8-HR SHIFTS REQUIRED = 146.79, NET DIRECT COST = -52,044.05, NET COST = -243,483.55
*****
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*****
*   1305000391051  A744  CTG,20MM  HEI   P68   591050  336304  N   50,169.17  NO CAPABILITY  62,433.67  NO CAPABILITY
*   INDIRECT BENEFITS   VALUE OF STORAGE SPACE RELEASED   $41,913.73
*   PROCESSING AND STORAGE COST AVOIDED   12,134.26
*   TOTAL INDIRECT BENEFITS   $44,047.99
*   STORAGE SPACE RELEASED:   1,313.91 SQ. FT.
*   PREFERRED METHOD: FURNACE , 8-HR SHIFTS REQUIRED = 33.77, NET DIRECT COST = -11,974.88, NET COST = -56,022.87
*****
```

* USED AVERAGE STORAGE DENSITY OF 7.8 SQ. FT. PER TON
** USED STORAGE SPACE VALUE OF \$31.90 PER SQ. FT.
*** USED ANNUAL PROCESSING AND STORAGE COSTS OF \$12.67 PER TON

JCAP
DECISION MODELS

ECONOMIC EVALUATION OF DEMILITARIZATION
ON-SITE ANALYSIS OF 252 HIGH TONNAGE ITEMS
USING DEC. 1976 INVENTORY
90,000 LBS - OVER

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*****
* VSN DDDIC Nomenclature LOC QJANTITY WEIGHT SRV * FURNACE METHODDS BURNING *
* * * * * (LBS) * * * * *
*****
13050302942234 CTG, 23M4 HE P68 3827253 2131542 V
INDIRECT BENEFITS
VALUE OF STORAGE SPACE RELEASED $271,405.52
PROCESSING AND STORAGE COST AVOIDED $13,820.06
TOTAL INDIRECT BENEFITS $285,225.58
STORAGE SPACE RELEASED: 8,508.01 SQ. FT.
PREFERRED METHOD: FURNACE , 8-HR SHIFTS REQUIRED = 218.70, NET DIRECT COST = -77,540.45, NET COST = -362,766.03
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1305030311042 A562 CTG, 50 INC 41 P68 804320 195449 V
INDIRECT BENEFITS
VALUE OF STORAGE SPACE RELEASED $24,314.82
PROCESSING AND STORAGE COST AVOIDED $1,238.11
TOTAL INDIRECT BENEFITS $25,552.93
STORAGE SPACE RELEASED: 762.22 SQ. FT.
PREFERRED METHOD: FURNACE , 3-HR SHIFTS REQUIRED = 12.19, NET DIRECT COST = -5,614.16, NET COST = -31,167.09
*****

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*****
130503050908 A230 CTG, 30 TRA 425 P68 1525730 95499 V
INDIRECT BENEFITS
VALUE OF STORAGE SPACE RELEASED $10,537.06
PROCESSING AND STORAGE COST AVOIDED $541.64
TOTAL INDIRECT BENEFITS $11,178.70
STORAGE SPACE RELEASED: 333.45 SQ. FT.
PREFERRED METHOD: FURNACE , 8-HR SHIFTS REQUIRED = 15.27, NET DIRECT COST = -9,542.37, NET COST = -20,721.07
*****

```

* USED AVERAGE STORAGE DENSITY OF 7.8 SQ. FT. PER TDN
 ** USED STORAGE SPACE VALUE OF \$31.90 PER SQ. FT.
 *** USED ANNUAL PROCESSING AND STORAGE COSTS OF \$12.67 PER TDN

JCAP
DECISION MODELS

ECONOMIC EVALUATION OF DEMILITARIZATION
ON-SITE ANALYSIS OF 252 HIGH TONNAGE ITEMS
USING DEC. 1976 INVENTORY
80,000 LBS - OVER

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*****
* NSN DDIC NOMENCLATURE LUC QJANTITY HEIGHT SRV* * * * *
* MCALESTER (EA) (LBS) * * * * * FRYACE *****
*****
131500A420120 PRJJ, 20MM, 1E A3 P68 45205 1924100 4 *****
INDIRECT BENEFITS *****
VALUE OF STORAGE SPACE RELEASED $219,377.23 *****
PROCESSING AND STORAGE COST AVOIDED $12,139.17 *****
TOTAL INDIRECT BENEFITS $251,556.45 *****
STORAGE SPACE RELEASED: 7,503.99 SQ. FT. *****
PREFERRED METHOD: WAS-HJUT , 9-HR SHIFTS REQUIRED = 64.14, NET DIRECT COST = 751,413.00
*****

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*****
131500A420122 PRJJ, 20MM TNT P68 7147 14240 4 *****
INDIRECT BENEFITS *****
VALUE OF STORAGE SPACE RELEASED $17,783.29 *****
PROCESSING AND STORAGE COST AVOIDED $305.52 *****
TOTAL INDIRECT BENEFITS $18,538.81 *****
STORAGE SPACE RELEASED: 557.47 SQ. FT. *****
PREFERRED METHOD: WAS-HJUT , 9-HR SHIFTS REQUIRED = 4.76, NET DIRECT COST = 38,372.67
*****

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*****
131500A420147 PRJJ, SA 120MM P68 9130 426005 4 *****
INDIRECT BENEFITS *****
VALUE OF STORAGE SPACE RELEASED $52,938.56 *****
PROCESSING AND STORAGE COST AVOIDED $2,698.71 *****
TOTAL INDIRECT BENEFITS $55,697.37 *****
STORAGE SPACE RELEASED: 1,661.40 SQ. FT. *****
PREFERRED METHOD: BURNING , 8-HR SHIFTS REQUIRED = 27.58, NET DIRECT COST = 100,150.90
*****

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* USED AVERAGE STORAGE DENSITY OF 7.8 SQ. FT. PER TON
 ** USED STORAGE SPACE VALUE OF \$31.90 PER SQ. FT.
 *** USED ANNUAL PROCESSING AND STORAGE COSTS OF \$12.67 PER TON

JCAP
DECISION MODELS

ECONOMIC EVALUATION OF DEMILITARIZATION
ON-SITE ANALYSIS OF 252 HIGH TONNAGE ITEMS
USING DEC. 1976 INVENTORY
90,000 LBS - OVER

* VSN DDIC NOMENCLATURE PKJ, SA, 120M P68 1443 575076 4 NO CAPABILITY PROCESSING COST (\$) 158,705.71
* INDIRECT BENEFITS
* VALUE OF STORAGE SPACE RELEASED 33,236.54
* PROCESSING AND STORAGE COST AVOIDED 14,276.53
* TOTAL INDIRECT BENEFITS 308,253.27

131500420149 PKJ, SA, 120M P68 1443 575076 4 NO CAPABILITY PROCESSING COST (\$) 158,705.71
INDIRECT BENEFITS
VALUE OF STORAGE SPACE RELEASED 33,236.54
PROCESSING AND STORAGE COST AVOIDED 14,276.53
TOTAL INDIRECT BENEFITS 308,253.27

STORAGE SPACE RELEASED: 2,632.81 SQ. FT.
PREFERRED METHOD: WASHOUT, 9-HR SHIFTS REQUIRED = 13.15, NET DIRECT COST = -180,554.27, NET COST = -268,817.54

* VSN DDIC NOMENCLATURE PKJ, SA, 120M P68 1443 575076 4 NO CAPABILITY PROCESSING COST (\$) 158,705.71
* INDIRECT BENEFITS
* VALUE OF STORAGE SPACE RELEASED 33,236.54
* PROCESSING AND STORAGE COST AVOIDED 14,276.53
* TOTAL INDIRECT BENEFITS 308,253.27

1315000284740 C242 CARTRIDGE, 90 MI P68 6912 286364 4 NO CAPABILITY PROCESSING COST (\$) 53,986.45
INDIRECT BENEFITS
VALUE OF STORAGE SPACE RELEASED 35,625.92
PROCESSING AND STORAGE COST AVOIDED 31,314.09
TOTAL INDIRECT BENEFITS 37,440.01

STORAGE SPACE RELEASED: 1,116.80 SQ. FT.
PREFERRED METHOD: WASHOUT, 9-HR SHIFTS REQUIRED = 4.61, NET DIRECT COST = -11,453.19, NET COST = -48,893.20

* VSN DDIC NOMENCLATURE PKJ, SA, 120M P68 1443 575076 4 NO CAPABILITY PROCESSING COST (\$) 158,705.71
* INDIRECT BENEFITS
* VALUE OF STORAGE SPACE RELEASED 33,236.54
* PROCESSING AND STORAGE COST AVOIDED 14,276.53
* TOTAL INDIRECT BENEFITS 308,253.27

1315003442313 600 PROJECTILE AND P68 10323 922112 4 NO CAPABILITY PROCESSING COST (\$) 7,189.79
INDIRECT BENEFITS
VALUE OF STORAGE SPACE RELEASED 114,721.01
PROCESSING AND STORAGE COST AVOIDED 35,341.63
TOTAL INDIRECT BENEFITS 120,552.64

STORAGE SPACE RELEASED: 3,596.27 SQ. FT.
PREFERRED METHOD: WASHOUT, 9-HR SHIFTS REQUIRED = 13.54, NET DIRECT COST = -149,079.90, NET COST = -269,642.54

* VSN DDIC NOMENCLATURE PKJ, SA, 120M P68 1443 575076 4 NO CAPABILITY PROCESSING COST (\$) 158,705.71
* INDIRECT BENEFITS
* VALUE OF STORAGE SPACE RELEASED 33,236.54
* PROCESSING AND STORAGE COST AVOIDED 14,276.53
* TOTAL INDIRECT BENEFITS 308,253.27

1315003442313 600 PROJECTILE AND P68 10323 922112 4 NO CAPABILITY PROCESSING COST (\$) 7,189.79
INDIRECT BENEFITS
VALUE OF STORAGE SPACE RELEASED 114,721.01
PROCESSING AND STORAGE COST AVOIDED 35,341.63
TOTAL INDIRECT BENEFITS 120,552.64

STORAGE SPACE RELEASED: 3,596.27 SQ. FT.
PREFERRED METHOD: WASHOUT, 9-HR SHIFTS REQUIRED = 13.54, NET DIRECT COST = -149,079.90, NET COST = -269,642.54

* VSN DDIC NOMENCLATURE PKJ, SA, 120M P68 1443 575076 4 NO CAPABILITY PROCESSING COST (\$) 158,705.71
* INDIRECT BENEFITS
* VALUE OF STORAGE SPACE RELEASED 33,236.54
* PROCESSING AND STORAGE COST AVOIDED 14,276.53
* TOTAL INDIRECT BENEFITS 308,253.27

1315003442313 600 PROJECTILE AND P68 10323 922112 4 NO CAPABILITY PROCESSING COST (\$) 7,189.79
INDIRECT BENEFITS
VALUE OF STORAGE SPACE RELEASED 114,721.01
PROCESSING AND STORAGE COST AVOIDED 35,341.63
TOTAL INDIRECT BENEFITS 120,552.64

STORAGE SPACE RELEASED: 3,596.27 SQ. FT.
PREFERRED METHOD: WASHOUT, 9-HR SHIFTS REQUIRED = 13.54, NET DIRECT COST = -149,079.90, NET COST = -269,642.54

* USED AVERAGE STORAGE DENSITY OF 7.8 SQ. FT. PER TON
** USED STORAGE SPACE VALUE OF \$31.90 PER SQ. FT.
*** USED ANNUAL PROCESSING AND STORAGE COSTS OF \$12.67 PER TON

JCAP
DECISION MODELS

ECONOMIC EVALUATION OF DEMILITARIZATION
ON-SITE ANALYSIS OF 252 HIGH TONNAGE ITEMS
USING DEC. 1976 INVENTORY
90,000 LBS - OVER

VSN	DDIC	NOMENCLATURE	LOC	QUANTITY	WEIGHT SRV	METHODS	BURNING
					(LBS)		
131500920189	C807	PROJECTILE AND	P68	11323	595286.4	NO CAPABILITY	124,261.70
		INDIRECT BENEFITS					
		VALUE OF STORAGE SPACE RELEASED			674,038.72	PROCESSING COST (\$)	
		PROCESSING AND STORAGE COST AVOIDED			13,771.10	411,306.09	
		TOTAL INDIRECT BENEFITS			\$77,329.82	RECLAMATION VALUE (\$)	148,758.05
		STORAGE SPACE RELEASED			2,321.97 SQ. FT.	NET DIRECT COST (\$)	-24,496.35
		PREFERRED METHOD: WASHOUT			10.30, NET DIRECT COST =	+272,719.34	-218,426.73
		8-HR SHIFTS REQUIRED =			-140,596.91, NET COST =		

1315009201897	C807	PROJECTILE AND	P68	6985	594842.4	NO CAPABILITY	76,621.47
		INDIRECT BENEFITS					
		VALUE OF STORAGE SPACE RELEASED			\$74,004.17	PROCESSING COST (\$)	
		PROCESSING AND STORAGE COST AVOIDED			\$3,768.31	253,616.97	
		TOTAL INDIRECT BENEFITS			\$77,772.48	RECLAMATION VALUE (\$)	NONE
		STORAGE SPACE RELEASED			2,319.88 SQ. FT.	NET DIRECT COST (\$)	+76,621.47
		PREFERRED METHOD: WASHOUT			6.35, NET DIRECT COST =	+253,616.97	-164,942.21
		8-HR SHIFTS REQUIRED =			-87,169.73, NET COST =		

1320009201890	C807	PROJECTILE AND	P68	1454	115592.4	NO CAPABILITY	NONE
		INDIRECT BENEFITS					
		VALUE OF STORAGE SPACE RELEASED			\$14,331.93	PROCESSING COST (\$)	
		PROCESSING AND STORAGE COST AVOIDED			\$732.83	20,609.24	
		TOTAL INDIRECT BENEFITS			\$15,114.13	RECLAMATION VALUE (\$)	NONE
		STORAGE SPACE RELEASED			1,490.84 SQ. FT.	NET DIRECT COST (\$)	+76,621.47
		PREFERRED METHOD: WASHOUT			11.51, NET DIRECT COST =	+20,609.24	-19,405.48
		8-HR SHIFTS REQUIRED =			-4,291.35, NET COST =		

* USED AVERAGE STORAGE DENSITY OF 7.8 SQ. FT. PER TON
** USED STORAGE SPACE VALUE OF \$31.90 PER SQ. FT.
*** USED ANNUAL PROCESSING AND STORAGE COSTS OF \$12.67 PER TON

JCAP
DECISION MODELS

ECONOMIC EVALUATION OF DEMILITARIZATION
ON-SITE ANALYSIS OF 252 HIGH TONNAGE ITEMS
USING DEC. 1976 INVENTORY
90,000 LBS - OVER

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*****
* USN      DDIC  Nomenclature      LOC  QUANTITY  WEIGHT SRV  *
*          *          *          *          *          *          *
*          *          *          *          *          *          *
*****
1320002034399 0394 PROJ. 47 AP      P68      4791  622830 N
INDIRECT BENEFITS
VA-JE OF STORAGE SPACE RELEASED      $77,437.55
PROCESSING AND STORAGE COST AVOIDED    13,945.59
TOTAL INDIRECT BENEFITS                $91,433.34
STORAGE SPACE RELEASED:      2,429.08 SQ. FT.
PREFERRED METHOD: WASHOUT , 9-HR SHIFTS REQUIRED = 15.97, NET DIRECT COST = -72,916.95
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*****
1320005297331 0544 PROJECTILE,155  P68      19690  1861720 4
INDIRECT BENEFITS
VALUE OF STORAGE SPACE RELEASED      $231,616.85
PROCESSING AND STORAGE COST AVOIDED    $11,794.00
TOTAL INDIRECT BENEFITS                $243,410.85
STORAGE SPACE RELEASED:      7,260.71 SQ. FT.
PREFERRED METHOD: WASHOUT , 9-HR SHIFTS REQUIRED = 24.60, NET DIRECT COST = -270,107.95
*****

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*****
1320005297347 0487 PROJECTILE,155  P68      13515  1348256 4
INDIRECT BENEFITS
VA-JE OF STORAGE SPACE RELEASED      $157,736.90
PROCESSING AND STORAGE COST AVOIDED    $9,541.23
TOTAL INDIRECT BENEFITS                $176,278.13
STORAGE SPACE RELEASED:      5,258.21 SQ. FT.
PREFERRED METHOD: DETONATION, 9-HR SHIFTS REQUIRED = 151.29, NET DIRECT COST = +98,377.83
*****

```

* USED AVERAGE STORAGE DENSITY OF 7.0 SQ. FT. PER TON
 ** USED STORAGE SPACE VALUE OF \$31.90 PER SQ. FT.
 *** USED ANNUAL PROCESSING AND STORAGE COSTS OF \$12.67 PER TON

JCAP
DECISION MODELS

ECONOMIC EVALUATION OF DEMILITARIZATION
ON-SITE ANALYSIS OF 252 HIGH TONNAGE ITEMS
USING DEC. 1976 INVENTORY
90,000 LBS - OVER

VSU	DDIC	WMCNCLATURE	WCALESTER	(EA)	(LBS)	WIGHT SRV	METHODS	DETONATION	BURNING
1320005409634	3394	PRJ,5/47	AP	P68	3232	420160	N	ND CAPABILITY	ND CAPABILITY
INDIRECT BENEFITS									
VALUE OF STORAGE SPACE RELEASED									
PROCESSING AND STORAGE COST AVOIDED									
TOTAL INDIRECT BENEFITS									
STORAGE SPACE RELEASED: 1,638.62 SQ. FT.									
PREFERRED METHOD: WASDUT , 9-HR SHIFTS REQUIRED = 4.04, NET DIRECT COST = -61,750.03									
PROCESSING COST (\$)									
1,654.79 10,536.32									
RECLAMATION VALUE (\$)									
8,479.12 NONE									
NET DIRECT COST (\$)									
-5,324.34 +10,536.32									

VSU	DDIC	WMCNCLATURE	WCALESTER	(EA)	(LBS)	WIGHT SRV	METHODS	DETONATION	BURNING
1320005409661	3394	PRJ,6/47	AP	P68	2053	266990	N	ND CAPABILITY	ND CAPABILITY
INDIRECT BENEFITS									
VALUE OF STORAGE SPACE RELEASED									
PROCESSING AND STORAGE COST AVOIDED									
TOTAL INDIRECT BENEFITS									
STORAGE SPACE RELEASED: 1,040.91 SQ. FT.									
PREFERRED METHOD: WASDUT , 9-HR SHIFTS REQUIRED = 2.57, NET DIRECT COST = -39,230.72									
PROCESSING COST (\$)									
1,051.14 5,692.78									
RECLAMATION VALUE (\$)									
5,386.02 NONE									
NET DIRECT COST (\$)									
-4,334.88 +5,692.78									

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VSU	DDIC	WMCNCLATURE	WCALESTER	(EA)	(LBS)	WIGHT SRV	METHODS	DETONATION	BURNING
1320005501255	3402	PRJ,5/47	TC	P68	7921	928378	N	ND CAPABILITY	ND CAPABILITY
INDIRECT BENEFITS									
VALUE OF STORAGE SPACE RELEASED									
PROCESSING AND STORAGE COST AVOIDED									
TOTAL INDIRECT BENEFITS									
STORAGE SPACE RELEASED: 3,230.69 SQ. FT.									
PREFERRED METHOD: WASDUT , 9-HR SHIFTS REQUIRED = 26.40, NET DIRECT COST = -94,226.26									
PROCESSING COST (\$)									
34,850.88 143,801.00									
RECLAMATION VALUE (\$)									
20,790.55 NONE									
NET DIRECT COST (\$)									
+14,060.22 +143,801.00									

* USED AVERAGE STORAGE DENSITY OF 7.8 SQ. FT. PER TON
** USED STORAGE SPACE VALUE OF \$31.90 PER SQ. FT.
*** USED ANNUAL PROCESSING AND STORAGE COSTS OF \$12.67 PER TON

JCAP
DECISION MODELS

ECONOMIC EVALUATION OF DEMILITARIZATION
ON-SITE ANALYSIS OF 252 HIGH TONNAGE ITEMS
USING DEC. 1976 INVENTORY
30,000 LBS - OVER

***** * NSN *****	***** * DDIC NOMENCLATURE *****	***** * LOC QUANTITY WEIGHT SRV * *****	***** * MCALESTER (EA) (LBS) *****	***** * FURNACE *****	***** * METHOD *****	***** * DETONATION *****	***** * BURNING *****
132005557741	0394 PROJ.6/47 AP	P68	2252	292760 N	NO CAPABILITY	PROCESSING COST (\$) 1,153.02	NO CAPABILITY
INDIRECT BENEFITS	VALUE OF STORAGE SPACE RELEASED		\$35,422.14			RECLAMATION VALUE (\$) 5,908.13	
	PROCESSING AND STORAGE COST AVOIDED		\$1,354.53			NONE	
	TOTAL INDIRECT BENEFITS		\$36,776.77			NET DIRECT COST (\$) -4,755.03	
	STORAGE SPACE RELEASED:	1,141.75 SQ. FT.				+7,341.52	
	PREFERRED METHOD: WAS40JT , 8-HR SHIFTS REQUIRED =	2.82, NET DIRECT COST =				-4,755.08, NET COST =	-43,031.05

132005557743	0394 PROJ.6/47 AP	P68	2014	261820 N	NO CAPABILITY	PROCESSING COST (\$) 1,031.17	NO CAPABILITY
INDIRECT BENEFITS	VALUE OF STORAGE SPACE RELEASED		\$32,573.09			RECLAMATION VALUE (\$) 5,283.71	
	PROCESSING AND STORAGE COST AVOIDED		\$1,558.53			NONE	
	TOTAL INDIRECT BENEFITS		\$34,131.72			NET DIRECT COST (\$) -4,252.54	
	STORAGE SPACE RELEASED:	1,021.10 SQ. FT.				+5,565.64	
	PREFERRED METHOD: WAS40JT , 8-HR SHIFTS REQUIRED =	2.52, NET DIRECT COST =				-4,252.54, NET COST =	-38,484.26

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132500740389	EL11 DISP/30M CBJ 15	P68	2752	2071500 N	NO CAPABILITY	PROCESSING COST (\$) 501,424.53	NO CAPABILITY
INDIRECT BENEFITS	VALUE OF STORAGE SPACE RELEASED		\$257,715.32			RECLAMATION VALUE (\$) 31,486.80	
	PROCESSING AND STORAGE COST AVOIDED		\$13,122.95				
	TOTAL INDIRECT BENEFITS		\$270,838.27			NET DIRECT COST (\$) +659,937.73	
	STORAGE SPACE RELEASED:	8,078.85 SQ. FT.					
	PREFERRED METHOD: DETONATION, 8-HR SHIFTS REQUIRED =	276.20, NET DIRECT COST =				+469,937.73, NET COST =	+199,099.46

* USED AVERAGE STORAGE DENSITY OF 7.8 SQ. FT. PER TON
** USED STORAGE SPACE VALUE OF \$31.90 PER SQ. FT.
*** USED ANNUAL PROCESSING AND STORAGE COSTS OF \$12.67 PER TON

JCAP
DECISION MODELS

[illegible]

1330000265825	5000	ADPTR, GREN, MIAI	F68	224286	85228 M	1,794.29	NO CAPABILITY	PROCESSING COST (\$)	NO CAPABILITY
INDIRECT BENEFITS									
VALUE OF STORAGE SPACE RELEASED				\$10,502.28				2,153.15	
PROCESSING AND STORAGE COST AVOIDED				\$539.87					

TOTAL INDIRECT BENEFITS				\$11,142.15		1,552.06		RECLAMATION VALUE (\$)	1,552.06
STORAGE SPACE RELEASED;				332.36 SQ. FT.		+242.23		NET DIRECT COST (\$)	+601.09
PREFERRED METHOD: FURNACE, 3-HR SHIFTS REQUIRED = 2.24, NET DIRECT COST = +242.23, NET COST = -10,899.92									

[illegible]

- * USED AVERAGE STORAGE DENSITY OF 7.8 SQ. FT. PER TON
- ** USED STORAGE SPACE VALUE OF \$31.90 PER SQ. FT.
- *** USED ANNUAL PROCESSING AND STORAGE COSTS OF \$12.67 PER TON

ECONOMIC EVALUATION OF DEMILITARIZATION
ON-SITE ANALYSIS OF 252 HIGH TONNAGE ITEMS
USING DEC. 1976 INVENTORY
30,000 LBS - OVER

* VSN * 0001C * WMCNCLATURE * LOC * QUANTITY * WEIGHT * SRV * * * * *
* * * * * MCLESTER * (EA) * (LBS) * * * * * FURNACE * WASHOUT * METHODS * DETONATION * BURNING *

134000285093 4500 ROCKET, HEAT, 3.5 P68 236573 2130102 4
INDIRECT BENEFITS
VALUE OF STORAGE SPACE RELEASED 1255,035.74
PROCESSING AND STORAGE COST AVOIDED 113,434.18
TOTAL INDIRECT BENEFITS 1,278,439.92
STORAGE SPACE RELEASED: 8,307.39 SQ. FT.
PREFERRED METHOD: DETONATION, 8-HR SHIFTS REQUIRED = 303.43, NET DIRECT COST = +549,625.49, NET COST = +271,125.57

* 134000286092 4601 ROCKET, PRACTICE P68 105605 946229 4
INDIRECT BENEFITS
VALUE OF STORAGE SPACE RELEASED 1117,719.29
PROCESSING AND STORAGE COST AVOIDED 55,994.30
TOTAL INDIRECT BENEFITS 1,123,713.59
STORAGE SPACE RELEASED: 3,690.26 SQ. FT.
PREFERRED METHOD: BURNING, 8-HR SHIFTS REQUIRED = 88.01, NET DIRECT COST = -1,715.04, NET COST = -125,428.63

* 134000285093 4502 ROCKET, SNKE, 3. P68 131915 1191357 4
INDIRECT BENEFITS
VALUE OF STORAGE SPACE RELEASED 1147,047.52
PROCESSING AND STORAGE COST AVOIDED 17,437.72
TOTAL INDIRECT BENEFITS 1,154,535.24
STORAGE SPACE RELEASED: 4,609.64 SQ. FT.
PREFERRED METHOD: DETONATION, 8-HR SHIFTS REQUIRED = 206.12, NET DIRECT COST = +263,138.77, NET COST = +108,603.53

* USED AVERAGE STORAGE DENSITY OF 7.8 SQ. FT. PER TON
** USED STORAGE SPACE VALUE OF \$31.90 PER SQ. FT.
*** USED ANNUAL PROCESSING AND STORAGE COSTS OF \$12.67 PER TON

JCAP
DECISION MODELS

ECONOMIC EVALUATION OF DEMILITARIZATION
ON-SITE ANALYSIS OF 252 HIGH TONNAGE ITEMS
USING DEC. 1976 INVENTORY
83,000 LBS - OVER

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*****
* NSN DDDIC NMENCLATURE LOC QUANTITY WEIGHT SAV* * FURNACE WASHOJT DETONATION BURNING *
*****
134000389344 4915 4R4D 7 P68 4215 33940 N NO CAPABILITY PROCESSING COST ($) NO CAPABILITY
INDIRECT BENEFITS $10,443.10
VALUE OF STORAGE SPACE RELEASED $531.76
PROCESSING AND STORAGE COST AVOIDED $10,974.86
TOTAL INDIRECT BENEFITS
STORAGE SPACE RELEASED: 327.37 SQ. FT.
PREFERRED METHOD: WASHOJT , 8-HR SHIFTS REQUIRED = 5.27, NET DIRECT COST = NET DIRECT COST ($)
*****
NET DIRECT COST ($)
+17,412.03 +23,193.00
+17,412.08, NET COST = +6,437.22

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*****
134000389345 4900 4R4D 10 P68 6423 197056 N NO CAPABILITY PROCESSING COST ($) NO CAPABILITY
INDIRECT BENEFITS $24,516.11
VALUE OF STORAGE SPACE RELEASED $1,248.38
PROCESSING AND STORAGE COST AVOIDED $25,764.49
TOTAL INDIRECT BENEFITS
STORAGE SPACE RELEASED: 768.53 SQ. FT.
PREFERRED METHOD: WASHOJT , 8-HR SHIFTS REQUIRED = 37.93, NET DIRECT COST = NET DIRECT COST ($)
*****
NET DIRECT COST ($)
+17,975.70, NET COST = -7,088.79

```

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*****
134000389346 4900 4R4D 10 P68 27345 794948 N NO CAPABILITY PROCESSING COST ($) NO CAPABILITY
INDIRECT BENEFITS $98,839.61
VALUE OF STORAGE SPACE RELEASED $5,035.94
PROCESSING AND STORAGE COST AVOIDED $103,934.55
TOTAL INDIRECT BENEFITS
STORAGE SPACE RELEASED: 3,100.27 SQ. FT.
PREFERRED METHOD: WASHOJT , 8-HR SHIFTS REQUIRED = 34.43, NET DIRECT COST = NET DIRECT COST ($)
*****
NET DIRECT COST ($)
+65,502.01, NET COST = -38,432.54

```

* USED AVERAGE STORAGE DENSITY OF 7.8 SQ. FT. PER TON
 ** USED STORAGE SPACE VALUE OF \$31.90 PER SQ. FT.
 *** USED ANNUAL PROCESSING AND STORAGE COSTS OF \$12.67 PER TON

JCAP
DECISION MODELS

* * *	NSN	DDIC	NOMENCLATURE	LOC	QUANTITY	WEIGHT	SQFT	FURNACE	WASHOUT	METHODS	BURNING
* * *					(EA)	(LBS)					
* * *				MCALISTER							

PREFERRED METHOD: WAS-12.1T , 3-HR SHIFTS REQUIRED = 34.17, NET DIRECT COST = +65,000.25, NET COST = -45,251.65

PREFERRED NET-DJ: WAS-DJUT , 3-HR SHIFTS REQUIRED = 10.89, NET DIRECT COST = +15,913.59, NET COST = -21,916.30

PREFERRED METHOD: WAS-DJT , 8-HR SHIFTS REQUIRED = 68.18, NET DIRECT COST = +99,599.17, NET COST = -137,166.95

JCAP DECISION MODELS

ECOLOGIC EVALUATION OF DEMILITARIZATION
ON-SITE ANALYSIS OF 252 HIGH TONNAGE ITEMS
USING DEC. 1976 INVENTORY
90,000 LBS - OVER

* NSV D201C WDMENCLATURE LDC QUANTITY WEIGHT SRVE * METHODS
* * * * * WCALESTER (EA) (LBS) * * * * * WASHOJT DETONATION BURNING

1340000389148 9 P68 20435 436329 N NO CAPABILITY PROCESSING COST (\$) NO CAPABILITY
INDIRECT BENEFITS 154,232.54
VALUE OF STORAGE SPACE RELEASED 42,754.09
PROCESSING AND STORAGE COST AVOIDED *****
TOTAL INDIRECT BENEFITS 157,046.73
STORAGE SPACE RELEASED: 1,701.65 SQ. FT.

PREFERRED METHOD: WASHOJT , 8-HR SHIFTS REQUIRED = 25.61, NET DIRECT COST = +104,883.20, NET COST = +47,836.47

1340000389146 164R 117 2 P68 26935 1163232 N NO CAPABILITY PROCESSING COST (\$) NO CAPABILITY
INDIRECT BENEFITS 144,718.82
VALUE OF STORAGE SPACE RELEASED 47,359.13
PROCESSING AND STORAGE COST AVOIDED *****
TOTAL INDIRECT BENEFITS 152,037.95
STORAGE SPACE RELEASED: 4,536.64 SQ. FT.

PREFERRED METHOD: FURNACE , 8-HR SHIFTS REQUIRED = 2.58, NET DIRECT COST = +2,967.21, NET COST = -149,120.74

1340000389148 164R 118 1 P68 17551 210732 N NO CAPABILITY PROCESSING COST (\$) NO CAPABILITY
INDIRECT BENEFITS 126,219.29
VALUE OF STORAGE SPACE RELEASED 11,335.04
PROCESSING AND STORAGE COST AVOIDED *****
TOTAL INDIRECT BENEFITS 127,553.33
STORAGE SPACE RELEASED: 821.89 SQ. FT.

PREFERRED METHOD: FURNACE , 8-HR SHIFTS REQUIRED = 0.47, NET DIRECT COST = +537.54, NET COST = -27,015.79

* USED AVERAGE STORAGE DENSITY OF 7.8 SQ. FT. PER TON
** USED STORAGE SPACE VALUE OF \$31.90 PER SQ. FT.
*** USED ANNUAL PROCESSING AND STORAGE COSTS OF \$12.67 PER TON

JCAP
DECISION MODELS

ECONOMIC EVALUATION OF DEMILITARIZATION
ON-SITE ANALYSIS OF 252 HIGH TONNAGE ITEMS
USING DEC. 1976 INVENTORY
90,000 LBS - OVER

MSN	DDIC	NAMECLATURE	LOC	QTY	WEIGHT	SRV	METHODS	DETONATION	BURNING
				(EA)	(LBS)		FURNACE		
134000389169	IGNR	119 2	P68	33295	399540	N			
INDIRECT BENEFITS									
VALUE OF STORAGE SPACE RELEASED									
PROCESSING AND STORAGE COST AVOIDED									
TOTAL INDIRECT BENEFITS									
STORAGE SPACE RELEASED: 1,558.21 SQ. FT.									
PREFERRED METHOD: FURNACE, 8-HR SHIFTS REQUIRED = 0.89, NET DIRECT COST = +1,019.15, NET COST = -51,210.84									

MSN	DDIC	NAMECLATURE	LOC	QTY	WEIGHT	SRV	METHODS	DETONATION	BURNING
				(EA)	(LBS)		FURNACE		
134000760633	H91E	WR4D	10 9	P68	19112	547525	N		
INDIRECT BENEFITS									
VALUE OF STORAGE SPACE RELEASED									
PROCESSING AND STORAGE COST AVOIDED									
TOTAL INDIRECT BENEFITS									
STORAGE SPACE RELEASED: 2,135.33 SQ. FT.									
PREFERRED METHOD: WASHJIT, 8-HR SHIFTS REQUIRED = 100.62, NET DIRECT COST = +47,417.22, NET COST = -24,160.35									

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MSN	DDIC	NAMECLATURE	LOC	QTY	WEIGHT	SRV	METHODS	DETONATION	BURNING
				(EA)	(LBS)		FURNACE		
134000769415	R4	22 0	P69	37333	205533	N			
INDIRECT BENEFITS									
VALUE OF STORAGE SPACE RELEASED									
PROCESSING AND STORAGE COST AVOIDED									
TOTAL INDIRECT BENEFITS									
STORAGE SPACE RELEASED: 801.61 SQ. FT.									
PREFERRED METHOD: BURNING, 8-HR SHIFTS REQUIRED = 1.54, NET DIRECT COST = +1,117.65, NET COST = -25,755.81									

* USED AVERAGE STORAGE DENSITY OF 7.8 SQ. FT. PER TON
** USED STORAGE SPACE VALUE OF \$31.90 PER SQ. FT.
*** USED ANNUAL PROCESSING AND STORAGE COSTS OF \$12.67 PER TON

JCAP
DECISION MODELS

ABC, CCC LABS - JVER

136000011556 P4JP 52 19 0 27500 650000 N P6F

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USED ANNUAL PROCESSING AND STORAGE COSTS OF \$12.67 PER TON

ECONOMIC EVALUATION OF DEMILITARIZATION
ON-SITE ANALYSIS OF 252 HIGH TONNAGE ITEMS
USING DEC. 1976 INVENTORY
90,000 LBS - OVER

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*****
* NSN DDIC NOMENCLATURE LOC QUANTITY WEIGHT SRV * FURNACE WASHOUT DETONATION BURNING *
* * * * * (EAL) (LBS) * * * * *
*****
1340003348875 4337 4R4D 10 P68 3551 104729 N NO CAPABILITY
INDIRECT BENEFITS $13,029.29
VALUE OF STORAGE SPACE RELEASED $553.40
PROCESSING AND STORAGE COST AVOIDED $13,591.68
TOTAL INDIRECT BENEFITS $13,591.68
STORAGE SPACE RELEASED: 408.41 SQ. FT.
*****
PREFERRED METHOD: WASHOUT , 8-HR SHIFTS REQUIRED = 4.45, NET DIRECT COST = -5,223.62

```

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*****
134000970314 4935 WK4D 7 P68 20549 431529 N NO CAPABILITY
INDIRECT BENEFITS $53,595.47
VALUE OF STORAGE SPACE RELEASED $2,733.68
PROCESSING AND STORAGE COST AVOIDED $55,419.15
TOTAL INDIRECT BENEFITS $55,419.15
STORAGE SPACE RELEASED: 1,682.93 SQ. FT.
*****
PREFERRED METHOD: WASHOUT , 8-HR SHIFTS REQUIRED = 25.69, NET DIRECT COST = +29,410.12

```

```

*****
135100330619 3740 CASE 25 1 P68 2343 4118392 N NO CAPABILITY
INDIRECT BENEFITS $512,370.14
VALUE OF STORAGE SPACE RELEASED $26,090.06
PROCESSING AND STORAGE COST AVOIDED $538,460.20
TOTAL INDIRECT BENEFITS $538,460.20
STORAGE SPACE RELEASED: 16,061.76 SQ. FT.
*****
PREFERRED METHOD: WASHOUT , 8-HR SHIFTS REQUIRED = 782.67, NET DIRECT COST = +83,728.50

```

* USED AVERAGE STORAGE DENSITY OF 7.8 SQ. FT. PER TON
** USED STORAGE SPACE VALUE OF \$31.90 PER SQ. FT.
*** USED ANNUAL PROCESSING AND STORAGE COSTS OF \$12.67 PER TON

JCAP
DECISION MODELS

ON-SITE ANALYSIS OF 252 HIGH TONNAGE ITEMS
 USING DEC. 1976 INVENTORY
 90,000 LBS - OVER

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*****
* NSN DDDIC Nomenclature LDC QUANTITY WEIGHT SVCS *
* * * * * (EA) (LBS) * * * * * FURNACE * * * * * DETONATION * * * * * BURNING *
*****
135100070553 CASE 50 0 P68 950 436900 N
INDIRECT BENEFITS
VALUE OF STORAGE SPACE RELEASED $54,503.55
PROCESSING AND STORAGE COST AVOIDED $2,730.43
TOTAL INDIRECT BENEFITS $57,233.98
STORAGE SPACE RELEASED: 1,711.71 SQ. FT.
  
```

PREFERRED METHOD: DETONATION, 8-HR SHIFTS REQUIRED = 95.00, NET DIRECT COST = +172,466.80, NET COST = +115,082.02

```

*****
136100029996 S505 CASE, DC, LDD 9-4 P68 4567 1598450 N
INDIRECT BENEFITS
VALUE OF STORAGE SPACE RELEASED $198,854.28
PROCESSING AND STORAGE COST AVOIDED $10,126.24
TOTAL INDIRECT BENEFITS $208,980.52
STORAGE SPACE RELEASED: 6,233.99 SQ. FT.
  
```

PREFERRED METHOD: DETONATION, 8-HR SHIFTS REQUIRED = 253.72, NET DIRECT COST = +201,404.70, NET COST = -7,585.02

```

*****
136500253273 4951 4AR GAS LDSE M1 P68 2535 278360 N
INDIRECT BENEFITS
VALUE OF STORAGE SPACE RELEASED $44,705.29
PROCESSING AND STORAGE COST AVOIDED $1,757.21
TOTAL INDIRECT BENEFITS $46,462.50
STORAGE SPACE RELEASED: 1,087.94 SQ. FT.
  
```

PREFERRED METHOD: BURNING, 8-HR SHIFTS REQUIRED = 25.36, NET DIRECT COST = +17,041.92, NET COST = -19,430.58

* USED AVERAGE STORAGE DENSITY OF 7.8 SQ. FT. PER TON
 ** USED STORAGE SPACE VALUE OF \$31.90 PER SQ. FT.
 *** USED ANNUAL PROCESSING AND STORAGE COSTS OF \$12.67 PER TON

JCAP
 DECISION MODELS

[illegible][illegible]

1376305533915	COMP 3, RECL 40	P59	332555	932555 N	PROCESSING COST (\$)
INDIRECT BENEFITS					NJ CAPABILITY
VALUE OF STORAGE SPACE RELEASED					NJ CAPABILITY
PROCESSING AND STORAGE COST AVOIDED					RECLAMATION VALUE (\$)
*****					NONE
TOTAL INDIRECT BENEFITS					NET DIRECT COST (\$)
STORAGE SPACE RELEASED: 3,247.37 SQ. FT.					+85,888.36
PREFERRED METHOD: BURNING , 8-HR SHIFTS REQUIRED = 104.08, NET DIRECT COST =					-22,977.64
					+85,888.36, NET COST =

* USED AVERAGE STORAGE DENSITY OF 7.8 SQ. FT. PER TON
 ** USED STORAGE SPACE VALUE OF \$31.90 PER SQ. FT.
 *** USED ANNUAL PROCESSING AND STORAGE COSTS OF \$12.67

ECONOMIC EVALUATION OF DEMILITARIZATION
ON-SITE ANALYSIS OF 252 HIGH TONNAGE ITEMS
USING DEC. 1976 INVENTORY
90,000 LBS - OVER

NSN	DDIC	DESCRIPTION	QTY	UNIT	WEIGHT (LBS)	FURNACE	WASHOUT	DETONATION	BURNING
13900389701	FZ PD	27	0	P68	1158397	297024	N		
INDIRECT BENEFITS									
VALUE OF STORAGE SPACE RELEASED									
PROCESSING AND STORAGE COST AVOIDED									
TOTAL INDIRECT BENEFITS									
STORAGE SPACE RELEASED: 1,158.38 SQ. FT.									
PREFERRED METHOD: FURNACE, 9-HR SHIFTS REQUIRED = 69.89, NET DIRECT COST = -282,315.61, NET COST = -321,149.55									

NSN	DDIC	DESCRIPTION	QTY	UNIT	WEIGHT (LBS)	FURNACE	WASHOUT	DETONATION	BURNING
13900389701	FZ PD	27	0	P68	1158397	297024	N		
INDIRECT BENEFITS									
VALUE OF STORAGE SPACE RELEASED									
PROCESSING AND STORAGE COST AVOIDED									
TOTAL INDIRECT BENEFITS									
STORAGE SPACE RELEASED: 561.60 SQ. FT.									
PREFERRED METHOD: FURNACE, 9-HR SHIFTS REQUIRED = 28.98, NET DIRECT COST = +43,052.92, NET COST = +24,225.64									

NSN	DDIC	DESCRIPTION	QTY	UNIT	WEIGHT (LBS)	FURNACE	WASHOUT	DETONATION	BURNING
13900389701	FZ PD	27	0	P68	1158397	297024	N		
INDIRECT BENEFITS									
VALUE OF STORAGE SPACE RELEASED									
PROCESSING AND STORAGE COST AVOIDED									
TOTAL INDIRECT BENEFITS									
STORAGE SPACE RELEASED: 561.60 SQ. FT.									
PREFERRED METHOD: FURNACE, 9-HR SHIFTS REQUIRED = 28.98, NET DIRECT COST = +43,052.92, NET COST = +24,225.64									

ECONOMIC EVALUATION OF DEMILITARIZATION
ON-SITE ANALYSIS OF 252 HIGH TONNAGE ITEMS
USING DEC. 1976 INVENTORY
80,000 LBS - OVER

TOTALS FOR MCALESTER (P53)

NUMBER OF ITEMS 55

WEIGHT OF ITEMS FOR DEHL (TUNS) = 27,230.7

NO. OF 8-HR SHIFTS REQUIRED FOR DEHL = 4,501.13

STORAGE SPACE RELEASED = 212,811.10 SQ. FT.

COST
DIRECT COST-PROCESSING 6,190,050.50
TOTAL COSTS 6,190,050.50

BENEFITS
DIRECT
RECLAMATION VALUE 3,370,324.59
NET DIRECT COST 42,319,736.01

TOTAL DIRECT BENEFITS 3,870,324.59

INDIRECT BENEFITS
VALUE OF SPACE RELEASED 6,788,674.10
ANNUAL PROCESSING AND
STORAGE INSPECTION
COSTS AVOIDED 345,631.54

TOTAL INDIRECT BENEFITS 7,134,355.64

TOTAL BENEFITS 11,004,680.23
NET COST -4,314,519.53

METHOD SHIFTS TONS

FURNACE 741.37 5,565.2
WASTJUT 1,864.59 10,043.8
DETUNATION 1,294.76 4,424.4
BURNING 1,219.75 7,247.3

• USED AVERAGE STORAGE DENSITY OF 7.8 SQ. FT. PER TON
•• USED STORAGE SPACE VALUE OF \$31.90 PER SQ. FT.
••• USED ANNUAL PROCESSING AND STORAGE COSTS OF \$12.67 PER TON

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DECISION MODELS

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ECONOMIC EVALUATION OF DEMILITARIZATION
ON-SITE ANALYSIS OF 252 HIGH TONNAGE ITEMS
USING DEC. 1976 INVENTORY
90,000 LBS - OVER

USN	DDIC	NAME/CLATURE	LOC	QUANTITY	HEIGHT SRV	METHODS	BURNING
		SEAL BEACH (EA)	(LBS)			FURNACE	
1315005557201	C140	C15	3/30	671	5935	174200 V	
		INDIRECT BENEFITS				PROCESSING COST (\$)	2,399.63
		VALUE OF STORAGE SPACE RELEASED				RECLAMATION VALUE (\$)	26,934.60
		PROCESSING AND STORAGE COST AVOIDED				NET DIRECT COST (\$)	-24,534.97
		TOTAL INDIRECT BENEFITS				NET COST =	-47,310.75
		STORAGE SPACE RELEASED:		679.39	SQ. FT.		
		PREFERRED METHOD: DETONATION, 8-HR SHIFTS REQUIRED =		8.40,	NET DIRECT COST =		

1320000391971	D272	CAG,PRCP	5/30	P71	3910	116586 N	
		INDIRECT BENEFITS				PROCESSING COST (\$)	8,692.02
		VALUE OF STORAGE SPACE RELEASED				RECLAMATION VALUE (\$)	NONE
		PROCESSING AND STORAGE COST AVOIDED				NET DIRECT COST (\$)	+8,692.02
		TOTAL INDIRECT BENEFITS				NET COST =	-6,550.16
		STORAGE SPACE RELEASED:		454.66	SQ. FT.		
		PREFERRED METHOD: DETONATION, 8-HR SHIFTS REQUIRED =		6.86,	NET DIRECT COST =		

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13510009123458	DEPTH	CHARGE, H1	P71	210	105025 V		
		INDIRECT BENEFITS				PROCESSING COST (\$)	3,744.98
		VALUE OF STORAGE SPACE RELEASED				RECLAMATION VALUE (\$)	72.45
		PROCESSING AND STORAGE COST AVOIDED				NET DIRECT COST (\$)	+3,672.53
		TOTAL INDIRECT BENEFITS				NET COST =	-10,058.37
		STORAGE SPACE RELEASED:		409.58	SQ. FT.		
		PREFERRED METHOD: DETONATION, 8-HR SHIFTS REQUIRED =		2.96,	NET DIRECT COST =		

* USED AVERAGE STORAGE DENSITY OF 7.8 SQ. FT. PER TON
** USED STORAGE SPACE VALUE OF \$31.90 PER SQ. FT.
*** USED ANNUAL PROCESSING AND STORAGE COSTS OF \$12.67 PER TON

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DECISION MODELS

ECONOMIC EVALUATION OF DEMILITARIZATION
ON-SITE ANALYSIS OF 252 HIGH TONNAGE ITEMS
USING DEC. 1976 INVENTORY
80,000 LBS - OVER

NSN	DDIC	WMECLATURE	SEAL BEACH (EA)	(LBS)	FURNACE	WAS-OUT	NET-ODS	DETONATION	BURNING
13503831712	870	SVK	PJTAN-4712	P71	8445	223752	N	PROCESSING COST (\$)	19,231.55
INDIRECT BENEFITS									
VALUE OF STORAGE SPACE RELEASED									
PROCESSING AND STORAGE COST AVOIDED									
TOTAL INDIRECT BENEFITS									
STORAGE SPACE RELEASED: 672.82 SQ. FT.									
PREFERRED METHOD: DETONATION, 8-HR SHIFTS REQUIRED = 15.19, NET DIRECT COST =									
NO CAPABILITY NO CAPABILITY									
RECLAMATION VALUE (\$)									
NET DIRECT COST (\$)									
+13,540.48									
+18,640.48, NET COST =									
-10,620.25									

- * USED AVERAGE STORAGE DENSITY OF 7.8 SQ. FT. PER TON
- ** USED STORAGE SPACE VALUE OF \$31.90 PER SQ. FT.
- *** USED ANNUAL PROCESSING AND STORAGE COSTS OF \$12.57 PER TON

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DECISION MODELS

ECONOMIC EVALUATION OF DEMILITARIZATION
ON-SITE ANALYSIS OF 252 HIGH TONNAGE ITEMS
JUSING DEC. 1976 INVENTORY
90,000 LBS - OVER

TOTALS FOR SEAL BEACH (P71)

NUMBER OF ITEMS 4
WEIGHT OF ITEMS FOR DEMIL (TNS) = 303.7
NO. OF 8HR SHIFTS REQUIRED FOR DEMIL = 33.41
STORAGE SPACE RELEASED = 2,416.44 SQ. FT.
COST DIRECT COST-PROCESSING 34,068.18
TOTAL COSTS
BENEFITS
DIRECT RECLAMATION VALUE 27,598.12
NET DIRECT COST +5,470.05
TOTAL DIRECT BENEFITS 27,598.12

INDIRECT BENEFITS
VALUE OF SPACE RELEASED 77,034.43
ANNUAL PROCESSING AND STORAGE INSPECTION COSTS AVOIDED 3,325.15
TOTAL INDIRECT BENEFITS 81,009.59
TOTAL BENEFITS 108,507.71
NET COST -74,539.53

METHOD SHIFTS TONS
FURNACE 0.00 0.0
WASHOUT 0.00 0.0
DETUNATION 33.41 309.7
BURNING 0.00 0.0

* USED AVERAGE STORAGE DENSITY OF 7.8 SQ. FT. PER TON
** USED STORAGE SPACE VALUE OF \$31.90 PER SQ. FT.
*** USED ANNUAL PROCESSING AND STORAGE COSTS OF \$12.67 PER TON

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DECISION MODELS

ECONOMIC EVALUATION OF DEMILITARIZATION
ON-SITE ANALYSIS OF 252 HIGH TONNAGE ITEMS
USING DEC. 1976 INVENTORY
80,000 LBS - OVER

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*****
* NSN DDIC NOMENCLATURE LOC QANTITY WEIGHT SRV * METHOD *
* YORKTON (EA) (LBS) * FURNACE * MASHOUT * DETONATION * BURNING *
*****
131500557201 C140 CTG 3/50 P72 6553 163294 N PROCESSING COST ($) NO CAPABILITY
INDIRECT BENEFITS VALUE OF STORAGE SPACE RELEASED $20,316.15 29,274.26 NO CAPABILITY
PROCESSING AND STORAGE COST AVOIDED $1,034.51 RECLAMATION VALUE ($)
TOTAL INDIRECT BENEFITS $21,350.66 NET DIRECT COST ($)
STORAGE SPACE RELEASED: 636.87 SQ. FT. +4,025.96 NET COST = -17,324.70
PREFERRED METHOD: DETONATION, 3-HR SHIFTS REQUIRED = 20.62, NET DIRECT COST = +4,025.96, NET COST =
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*****
131500557301 C136 CTG 3/50 P72 5502 139489 N PROCESSING COST ($) NO CAPABILITY
INDIRECT BENEFITS VALUE OF STORAGE SPACE RELEASED $17,352.54 25,006.77 NO CAPABILITY
PROCESSING AND STORAGE COST AVOIDED $833.51 RECLAMATION VALUE ($)
TOTAL INDIRECT BENEFITS $18,236.25 NET DIRECT COST ($)
STORAGE SPACE RELEASED: 543.97 SQ. FT. +3,439.07 NET COST = -14,797.10
PREFERRED METHOD: DETONATION, 3-HR SHIFTS REQUIRED = 17.62, NET DIRECT COST = +3,439.07, NET COST =
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*****
132000031971 D272 C45, P30P 5/30 P72 7380 225928 N PROCESSING COST ($) NO CAPABILITY
INDIRECT BENEFITS VALUE OF STORAGE SPACE RELEASED $28,094.33 45,560.27 NO CAPABILITY
PROCESSING AND STORAGE COST AVOIDED $1,430.57 RECLAMATION VALUE ($)
TOTAL INDIRECT BENEFITS $29,524.90 NET DIRECT COST ($)
STORAGE SPACE RELEASED: 680.70 SQ. FT. +45,560.27 NET COST = +17,035.37
PREFERRED METHOD: DETONATION, 3-HR SHIFTS REQUIRED = 32.80, NET DIRECT COST = +45,560.27, NET COST =
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* USED AVERAGE STORAGE DENSITY OF 7.8 SQ. FT. PER TON
** USED STORAGE SPACE VALUE OF \$31.90 PER SQ. FT.
*** USED ANNUAL PROCESSING AND STORAGE COSTS OF \$12.67 PER TON

JCAP
DECISION MODELS

ECONOMIC EVALUATION OF DEMILITARIZATION
ON-SITE ANALYSIS OF 252 HIGH TONNAGE ITEMS
USING DEC. 1976 INVENTORY
80,000 LBS - OVER

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*****
* VSN UDDIC WNEENCLATURE LOC QJANTITY HEIGHT SRV ***** METHODS
* YORKTJMN (EA) (LBS) * FURNACE WASHOUT DETONATION BURNING
*****
1320000392037 0274 CHG,PRCP 5/35 P72 4772 146023 V
INDIRECT BENEFITS
VALUE OF STORAGE SPACE RELEASED $18,156.41
PROCESSING AND STORAGE COST AVOIDED $25.04
*****
TOTAL INDIRECT BENEFITS $19,091.45
STORAGE SPACE RELEASED: 569.48 SQ. FT.
PREFERRED METHOD: DETONATION, 9-HR SHIFTS REQUIRED = 21.21, NET DIRECT COST = +30,196.45, NET COST = +11,015.00
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1351000393019 2740 CASE 25 1 P72 104 182416 V
INDIRECT BENEFITS
VALUE OF STORAGE SPACE RELEASED $22,634.34
PROCESSING AND STORAGE COST AVOIDED $1,155.63
*****
TOTAL INDIRECT BENEFITS $23,850.57
STORAGE SPACE RELEASED: 711.44 SQ. FT.
PREFERRED METHOD: WASHOUT, 8-HR SHIFTS REQUIRED = 17.39, NET DIRECT COST = +54,312.96, NET COST = +30,462.39
*****

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* USED AVERAGE STORAGE DENSITY OF 7.8 SQ. FT. PER TON
 ** USED STORAGE SPACE VALUE OF \$31.90 PER SQ. FT.
 *** USED ANNUAL PROCESSING AND STORAGE COSTS OF \$12.67 PER TON

JCAP
DECISION MODELS

ECONOMIC EVALUATION OF DEMILITARIZATION
ON-SITE ANALYSIS OF 252 HIGH TONNAGE ITEMS
USING DEC. 1976 INVENTORY
80,000 LBS - OVER

TOTALS FOR YERKOWN (P72)

NUMBER OF ITEMS	5	
WEIGHT OF ITEMS FOR DEMIL (TONS)	=	428.4
NO. OF 8-HR SHIFTS REQUIRED FOR DEMIL	=	109.58
STORAGE SPACE RELEASED	=	3,342.45 SQ. FT.
 COST		
DIRECT COST-PROCESSING		186,309.03
TOTAL COSTS		186,309.03
 BENEFITS		
DIRECT		
RECLAMATION VALUE		47,864.32
NET DIRECT COST		+138,444.71
TOTAL DIRECT BENEFITS		47,864.32
 INDIRECT BENEFITS		
VALUE OF SPACE RELEASED		106,624.47
ANNUAL PROCESSING AND STORAGE INSPECTION COSTS AVOIDED		5,429.35
TOTAL INDIRECT BENEFITS		112,053.83
TOTAL BENEFITS		159,918.15
NET COST		+26,390.88
 METHOD	SHIFTS	TONS
FURNACE	0.00	0.0
WASHJUT	17.33	91.2
DETUNATION	92.25	337.2
BURNING	0.00	0.0

* USED AVERAGE STORAGE DENSITY OF 7.8 SQ. FT. PER TON
** USED STORAGE SPACE VALUE OF \$31.90 PER SQ. FT.
*** USED ANNUAL PROCESSING AND STORAGE COSTS OF \$12.57 PER TON

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DECISION MODELS

ECONOMIC EVALUATION OF DEMILITARIZATION
ON-SITE ANALYSIS OF 252 HIGH TONNAGE ITEMS
USING DEC. 1976 INVENTORY
80,000 LBS - OVER

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*****
* NSN 0000 Nomenclature KeyPort LJC Quantity Weight Srv * * * * *
* * * * * (EA) (LBS) * * * * * FURNACE WASHOUT DETONATION BURNING
*****
1305030286517 4209 CTG., 30 LINKED P73 1539153 96710 N 327.63 NO CAPABILITY NO CAPABILITY
INDIRECT BENEFITS
VALUE OF STORAGE SPACE RELEASED $12,033.00
PROCESSING AND STORAGE COST AVOIDED $512.72
TOTAL INDIRECT BENEFITS $12,545.72
STORAGE SPACE RELEASED: 377.21 SQ. FT.
PREFERRED METHOD: FURNACE , 8-HR SHIFTS REQUIRED = 32.78, NET DIRECT COST = -23,604.02, NET COST = -36,249.74
*****

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1320030394038 0872 PRDJ, 16/50 AP P73 34 91800 N NO CAPABILITY NO CAPABILITY
INDIRECT BENEFITS
VALUE OF STORAGE SPACE RELEASED $11,420.84
PROCESSING AND STORAGE COST AVOIDED $591.55
TOTAL INDIRECT BENEFITS $12,002.39
STORAGE SPACE RELEASED: 359.02 SQ. FT.
PREFERRED METHOD: DETONATION, 8-HR SHIFTS REQUIRED = 1.13, NET DIRECT COST = +1,142.60, NET COST = -10,859.99
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1320030394012 0872 PRDJ, 16/50 AP P73 56 151200 N NO CAPABILITY NO CAPABILITY
INDIRECT BENEFITS
VALUE OF STORAGE SPACE RELEASED $18,810.79
PROCESSING AND STORAGE COST AVOIDED $957.85
TOTAL INDIRECT BENEFITS $19,768.64
STORAGE SPACE RELEASED: 589.68 SQ. FT.
PREFERRED METHOD: DETONATION, 8-HR SHIFTS REQUIRED = 1.87, NET DIRECT COST = +1,891.60, NET COST = -17,887.04
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* USED AVERAGE STORAGE DENSITY OF 7.8 SQ. FT. PER TON
 ** USED STORAGE SPACE VALUE OF \$31.90 PER SQ. FT.
 *** USED ANNUAL PROCESSING AND STORAGE COSTS OF \$12.67 PER TON

JCAP
DECISION MODELS

NSN	DDIC	VMENCLATURE	LOC	QUANTITY	WEIGHT	SRVS	METHODS	BURNING
			KEYPORT	(EA)	(LBS)		WASHOUT	
132000394076	0839	CHG, PRDP	16/50	P73	421	141035		
INDIRECT BENEFITS								
VALUE OF STORAGE SPACE RELEASED					\$17,546.91			1,578.75
PROCESSING AND STORAGE COST AVOIDED					\$33.43			
TOTAL INDIRECT BENEFITS					\$18,440.40			NONE
STORAGE SPACE RELEASED:				550.06	50. FT.			+1,578.75
PREFERRED METHOD: BURNING				9-HR	SHIFTS REQUIRED =	20.05	NET DIRECT COST =	+1,578.75
							NET COST =	-16,861.65

137500572255	TNT, RECLAIMED	P73	144870	144570 N
INDIRECT BENEFITS				
VALUE OF STORAGE SPACE RELEASED			\$18,024.45	
PROCESSING AND STORAGE COST AVOIDED			\$917.91	

TOTAL INDIRECT BENEFITS			\$18,942.27	
STORAGE SPACE RELEASED:			565.03 SQ. FT.	

PREFERRED NET-00: BURNING	9-HR SHIFTS REQUIRED =	20.97, NET DIRECT COST =	+24,330.16, NET COST =	+5,395.09
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- * USED AVERAGE STORAGE DENSITY OF 7.8 SQ. FT. PER TON
- ** USED STORAGE SPACE VALUE OF \$31.90 PER SQ. FT.
- *** USED ANNUAL PROCESSING AND STORAGE COSTS OF \$12.67

ECONOMIC EVALUATION OF DEMILITARIZATION
ON-SITE ANALYSIS OF 252 HIGH TONNAGE ITEMS
USING DEC. 1976 INVENTORY
30,000 LBS - OVER

TOTALS FOR KEYPORT (P73)

NUMBER OF ITEMS	5		
WEIGHT OF ITEMS FOR DEMIL (TONS) =	312.7		
NO. OF 8HR SHIFTS REQUIRED FOR DEMIL =	94.80		
STORAGE SPACE RELEASED =	2,440.00 SQ. FT.		
COST			
DIRECT COST-PROCESSING	29,268.74		29,268.74
TOTAL COSTS			
BENEFITS			
DIRECT			
RECLAMATION VALUE	23,931.35		
NET DIRECT COST	+5,336.39		
TOTAL DIRECT BENEFITS		23,931.85	
INDIRECT BENEFITS			
VALUE OF SPACE RELEASED	77,836.00		
ANNUAL PROCESSING AND STORAGE INSPECTION COSTS AVOIDED	3,953.42		
TOTAL INDIRECT BENEFITS		81,799.42	
TOTAL BENEFITS			105,731.27
NET COST			-76,462.53
METHOD	SHIFTS	TONS	
FURNACE	32.73	48.3	
WASHOUT	3.00	0.0	
DETONATION	3.00	121.5	
BURNING	49.02	142.9	

* USED AVERAGE STORAGE DENSITY OF 7.8 SQ. FT. PER TON
** USED STORAGE SPACE VALUE OF \$31.90 PER SQ. FT.
*** USED ANNUAL PROCESSING AND STORAGE COSTS OF \$12.67 PER TON

ECONOMIC EVALUATION OF DEMILITARIZATION
ON-SITE ANALYSIS OF 252 HIGH TONNAGE ITEMS
USING DEC. 1976 INVENTORY
80,000 LBS - OVER

SUMMARY

NUMBER OF ITEMS	252	
WEIGHT OF ITEMS FOR DEMIL (TONS)	=	38,923.9
NO. OF 842 SHIFTS REQUIRED FOR DEMIL	=	14,154.46
STORAGE SPACE RELEASED	=	592,900.75 SQ. FT.
COST		
DIRECT COST-PROCESSING	16,141,992.39	
TOTAL COSTS		16,141,992.39
BENEFITS		
DIRECT		
RECLAMATION VALUE	14,900,347.31	
NET DIRECT COST	+1,341,645.07	
TOTAL DIRECT BENEFITS		14,900,347.31
INDIRECT BENEFITS		
VALUE OF SPACE RELEASED	22,103,534.04	
ANNUAL PROCESSING AND STORAGE INSPECTION COSTS AVOIDED	1,125,519.59	
TOTAL INDIRECT BENEFITS		23,229,053.63
TOTAL BENEFITS		38,329,400.94
NET COST		-21,397,408.55
METHOD	SHIFTS	TONS
FURNACE	1,743.13	12,847.9
WASHOUT	5,043.93	40,599.9
DEMOLITION	2,749.95	16,420.2
BURNING	4,512.44	18,955.8

* USED AVERAGE STORAGE DENSITY OF 7.8 SQ. FT. PER TON
 ** USED STORAGE SPACE VALUE OF \$31.90 PER SQ. FT.
 *** USED ANNUAL PROCESSING AND STORAGE COSTS OF \$12.67 PER TON

JCAP
DECISION MODELS

APPENDIX A

PART 3

ITEM RANKING BY NET COST AVOIDANCE

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DATE 04/20/77

ECONOMIC EVALUATION OF DEMILITARIZATION
ON-SITE ANALYSIS OF 252 HIGH TONNAGE ITEMS
USING SEC. 1976 INVENTORY
80,000 LBS - CVER

NSN	DDIC	DESCRIPTION	LLC	QUANTITY (UNITS)	WEIGHT SRV (LBS)	NET COST AVOIDANCE ¹ (DOLLARS)
130500284556	A776	CTC, 20MM M96	P67	6691555	3747516 N	+1,329,681.86
130500286296	A525	CTC, 50 AF M2	P68	5832760	2556517 N	+1,159,220.83
132000725532	C544	FRC, ECTILE, 155	P67	81223	7740455 M	+1,143,607.98
1351000930619	R740	CASE 25 1	P67	5170	906818C N	+1,035,664.31
1361000929993		CASE, CC, LCD 8-0	P67	5817	304327C N	+907,614.60
1340000338444		RKT METER, 5.00	P67	84004	7321788 N	+832,005.03
134000116666		FRC, CF 18 0	P68	275000	660000C N	+721,715.50
1315005420502	C804	FRL, 70FC 120MM	P67	21778	239558C M	+612,069.53
131500AM20120		FRL, 90MM, HE A3	P68	96205	1924100 M	+498,782.51
1315006839444	C802	FRL, 70FC 120MM	P67	17758	1880394 M	+489,545.92
1325000384582	E116	ECN, DEPTH MK 5	P64	4871	1597688 N	+487,894.52
1305002842234		CTC, 20MM FE	P64	3791052	2160855 N	+439,248.96
1325004091727	E488	ECN, CF R2 2	P64	7422	3673950 N	+425,683.48
1315006839444	C802	FRL, 70FC 120MM	P64	14670	1553406 M	+405,585.38
1305000284551	A765	CTC, 20MM M55A1	P67	1323253	754275 N	+402,578.67
130500	A532	CTC CAL 50 API M8 LK	BND	3808440	1378200 A	+356,778.74
131500	C496	CTC 105MM HE M323	B47	24834	1800400 A	+376,589.48
1305002942234		CTC, 20MM FE	P68	3827268	2181542 N	+362,766.03
1305004498068	A131	CTC 7.62MM BALL TR	B3C	862984	83000 A	+356,010.92
1325009123867	F244	ECN, CF, MK E2-1	P64	3067	1518165 N	+341,263.61
1350000389701		F2 FC 27 0	P62	1180057	297024 N	+321,149.55
1315007527689	C807	FRC, ECTILE AND	P64	21052	1106282 M	+298,772.52
1315000329996	S505	CASE, CC, LCD 9-4	P67	6255	2189250 N	+282,500.43
1361005409439	S526	CC, PE, 7.2 MK4	P64	19438	1209431 N	+279,048.27
1320005297331	D544	FRC, ECTILE, 155	P68	15680	1861728 M	+270,107.95
1315003442313	C800	FRC, ECTILE AND	P68	10628	922112 M	+269,642.54
131500AM20149		FRL, SA, 120MM	P68	14468	675076 M	+268,817.54
1315007527689	C807	FRC, ECTILE AND	P67	20342	1068571 M	+264,656.70
1315005420502	C804	FRL, 70FC 120MM	P64	5157	1011670 M	+259,466.55
1305000391050	A745	CTC, 20MM HE	P68	256808	1464220 N	+243,483.55
1340000388355	H922	MFC, RKT 5.00 HE	P67	74326	3838937 N	+226,469.43
1315003442313	C800	FRC, ECTILE AND	P67	5070	772400 M	+225,455.04
1315000930563		CASE 18 0	P67	450	922670 N	+222,513.44
1361005409439	S526	CC, PE, 7.2 MK4	P67	14645	923655 N	+221,116.00
1315007527689	C807	FRC, ECTILE AND	P68	11328	595286 M	+218,426.73
1301003011587	A776	CTC, 20MM M96	P67	1086404	608385 N	+215,897.14
1361000388477	S513	MFC, CC, MK 4-C, 3	P67	15085	813081 N	+214,254.19
1315000763225		MINE 39 C	P67	559	1930567 N	+204,117.94
1305005421196	A127	CTC 7.62MM 4 BALL-1	E21	22992200	238600 A	+203,407.34

¹THE SUM OF RECLAMATION VALUE PLUS ANNUAL PROCESSING AND STORAGE COST AVOIDED
PLUS THE VALUE OF STORAGE SPACE RELEASED MINUS THE DEMIL PROCESSING COST

DATE 04/20/77

ECONOMIC EVALUATION OF DEMILITARIZATION
ON-SITE ANALYSIS OF 252 HIGH TONNAGE ITEMS
USING DEC. 1976 INVENTORY
80,000 LBS - COVER

NSN	DDIC	DESCRIPTION	LCC	QUANTITY (UNITS)	WEIGHT SRV (LBS)	NET COST AVOIDANCE ¹ (DOLLARS)
1315000261897	C801	FRU. ECTILE AND	P67	15423	1313422 M	+203,241.61
1305004698055	A131	CTC 7.62MM 2 BALL-1	P21	718300	748400 A	+191,885.49
1340000574862		ICR 120	P69	122105	1472460 N	+188,760.65
13510007070663		CASE 50	P67	3649	1776238 N	+185,703.25
1315003326371	C802	FRU./CFC 120MM	P64	6400	696784 M	+178,304.99
1315005420418	C802	FRU./CFC 120MM	P67	6316	634760 M	+177,510.73
1315005420418	C804	FRU./CFC 120MM	P64	5993	659230 M	+169,075.66
1325000384532	E116	FRU. DEPTH MK 5	P67	1685	552680 M	+168,827.41
1315009261897	C801	FRU. ECTILE AND	P68	6585	594642 M	+164,542.21
1315005546747	C802	FRU. ECTILE AND	P67	5738	615744 M	+159,247.62
1340000384146	H922	ICR 117 2	P68	96536	1163232 N	+149,120.74
1340000385354	H922	FRU. MKT 5.00 HE	P67	24454	1263045 N	+146,085.40
1325000285361	E107	BONE, SAP M55A1	P64	1125	1143000 N	+141,679.02
1340000388341	H512	FRU. MKT 5.00 HE	P67	15706	753467 N	+135,160.82
1376000720265		INT. RECLAIMED	P67	2372163	2372163 N	+138,118.67
1340000388350	H902	MRFC 12	P68	54545	1810692 N	+137,166.95
131500	C267	CTC 50MM M71	B22	14161	835000 A	+136,886.40
1320000354336	C305	CFC, PRCP 5/54	P67	16461	561578 N	+129,182.17
1340000286092	H601	ACCKET, PRACTICE	P68	105606	946225 M	+125,428.63
1305005554059	A545	CTC CAL 50 API M8 LK	B20	1133650	470400 A	+123,241.02
1376004722647		CLMP A3, RECLMD	P67	1081298	1081298 N	+118,505.12
1325000740389	E191	CTCF/BLM CHL 15	P67	1122	841500 N	+116,710.84
1315005557391	C136	CTC 3/50	P67	17502	435759 N	+115,099.31
13150003570623		CASE 39	P67	606	1081710 N	+112,134.70
1315003442314	CF06	FRU./CFC 120MM	P67	7806	695904 M	+106,537.79
1315000721815		LNK C6L 36 1	P67	660	625680 M	+103,451.00
1340000286093	F602	ACCKET, SWLKE, 3.	P67	59265	890346 M	+98,246.32
1320005551255	D402	FRU./6/47 HC	P68	7521	828378 N	+94,226.26
1315009575717	C800	FRU. ECTILE AND	P67	3414	337200 M	+90,937.53
1305003011665	A216	CTC, 30 BALL M2	P67	7005500	399312 M	+87,236.66
131500	C499	CTC 105MM 5MM WP M32	B47	7680	576000 A	+84,549.00
1361005557193		CASE, CC 7	P64	376	270720 N	+83,571.10
1315000394104		FRU./3/50 AF	P64	68237	891857 N	+79,710.37
1340003012007	J324	FZ, VT M4C2 A1	P64	121305	327534 N	+78,974.43
1305000391050	A745	CTC, 20MM FET	P64	670282	382060 N	+77,661.77
1205000286427	A570	CTC, 50 TR M17	P68	1192450	297165 N	+74,142.37
1340000286090	H600	ACCKET, FEAT, 3.5	P67	150761	1356849 M	+73,652.48
13200002034309	D394	FRU./6/47 AF	P68	4791	622830 N	+72,516.95
1320000392769	C232	FRU./5/38 VT	P64	17577	981723 N	+70,530.06

¹THE SUM OF RECLAMATION VALUE PLUS ANNUAL PROCESSING AND STORAGE COST AVOIDED
PLUS THE VALUE OF STORAGE SPACE RELEASED MINUS THE DEMIL PROCESSING COST

DATE C4/20/77

ECONOMIC EVALUATION OF DEMILITARIZATION
ON-SITE ANALYSIS OF 252 HIGH TONNAGE ITEMS
USING DEC. 1976 INVENTORY
80,000 LBS - CWSR

ASN	OCIC	ACMENCLATURE	LTC	QUANTITY (UNITS)	WEIGHT SRV (LBS)	NET COST AVOIDANCE ¹ (DOLLARS)
1315003442314	C806	FRL-7CFC 12CMP	P64	3439	306586 M	+67,251.83
1305005557057	A776	CTC-20MM M96	P67	325200	185364 N	+65,050.62
1320006074152		FRL-81A AP-20	P67	1833	476580 N	+63,748.29
1375006285208	M431	CFC CEMC LINEAR	E1C	8658	509600 A	+62,517.34
1320005409634	D394	FRL-6/47 AF	P68	5232	420160 N	+61,758.03
131500	C500	CTC 105MM HT M341	P47	5236	535600 A	+61,581.45
1340001437117	F600	RECNET, FEAT, 3.5	P67	55014	492525 M	+61,324.30
1315000000455		CTC-25C VT	P67	10334	259383 N	+61,204.66
1305000284550	A765	CTC-20MM M95	P67	298560	170190 N	+56,720.88
1305000391051	A744	CTC-20MM F61	P68	591060	336904 N	+56,022.87
1315000284825	C805	FREJECTILE AND	P64	2646	334832 M	+54,986.51
1240000384145		ICAR 119	P68	32255	399540 N	+51,218.84
1251005930859	BW55	FATT CMPT, LCO	P67	184	381248 N	+50,637.58
1205000284378	A559	CTC-50ELANK LNK	P67	884920	112384 N	+50,771.25
1310000284740	C292	CARTIDGE, 90 MI	P68	6512	286364 M	+48,893.20
1315008524113	C294	CTC 50MM M431 FT-T	P68	7526	432200 A	+48,011.47
1310005557201	C140	CTC 3/50	P71	6556	174200 N	+47,310.75
1351000930568	R735	CASE 25	P67	230	403420 N	+46,074.12
1340000380348	H901	MNPD 10	P68	27334	843253 N	+45,251.65
13560002024508		MFLAEX 17 3	P67	351	482454 N	+44,183.01
1315005557201	C140	CTC 3/50	P67	6546	162555 N	+43,049.40
1200005557741	D394	FRL-6/47 AF	P68	2252	292160 N	+43,031.85
1240000394764		FRL-5 AY, 2/55	P68	576	251525 N	+42,162.81
1305000391051	A744	CTC-20MM F61	P64	356141	203000 N	+41,264.10
1200000394242		FRL-5 AY, 2/25	P67	8343	393188 N	+40,141.57
1305000091051	A744	CTC-20MM F61	P67	408318	232741 N	+40,049.69
1370006539816		CUFF B, RECUMC	P64	405600	405600 N	+39,527.76
120005404661	D394	FRL-6/47 AF	P68	2053	266890 N	+39,230.72
1305000284546	A775	CTC-20MM M97	P67	218282	124420 N	+38,780.97
1320005557743	D394	FRL-6/47 AF	P68	2014	261820 N	+38,484.26
1340000380346	H900	WPC 10	P68	27545	794948 N	+38,432.54
1305000284490	A576	CTC CAL 50 F8	B20	355835	143600 A	+37,318.24
131500020122		FPC RKT 5.0 FE	P68	1147	142540 M	+37,054.31
1340000284240		CTC-50MM TNT	P68	5706	280115 N	+36,705.79
1305000286517	A209	CTC-30 LNKED	P73	1039168	96710 N	+36,249.74
1370007944594	L585	MARPER 58	P64	42842	552661 N	+35,995.51
1205005557056	A775	CTC-20MM M97	P67	192481	105114 N	+34,197.95
1305000284555	A776	CTC-20MM M96	P67	271417	151593 N	+32,339.42
13050008922150	A131	CTC 7.62MM BALL TR L	B20	1076174	103600 A	+31,635.67

¹THE SUM OF RECLAMATION VALUE PLUS ANNUAL PROCESSING AND STORAGE COST AVOIDED
PLUS THE VALUE OF STORAGE SPACE RELEASED MINUS THE DEMIL PROCESSING COST

DATE 04/20/77

ECONOMIC EVALUATION OF DEMILITARIZATION
ON-SITE ANALYSIS OF 252 HIGH TONNAGE ITEMS
USING DEC. 1976 INVENTORY
80,000 LBS - OVER

ASN	DDIC	ACRENCLATURE	LCC	CLANTITY (UNITS)	WEIGHT SRV (LBS)	NET COST AVOIDANCE ¹ (DOLLARS)
1351007070666	R744	CASE 36 2	P67	338	302510 N	+31,635.46
1310000391304	B555	CTC 40MM FEI-T PK11	BRC	16471	133000 A	+31,611.76
1305003011642	A562	CTC 50 INC M1	P68	804320	195445 N	+31,167.09
134500	K180	MINE AT M15 FT FVY	BKC	11040	549800 A	+29,208.37
1320000284352	D545	FRL ECTILE, 155	P67	1523	196146 M	+28,558.34
1315000284427	C266	CARTRIDGE, 90 M1	P67	5113	211831 M	+27,540.38
1305000200556	F976	FRL 20MM 34	P68	503650	131463 N	+27,392.37
1325000384618	F976	FUZE MK 230-4	P67	6613	99270 N	+27,388.48
1365000253273	K951	BAR CAS IUSE M1	P64	2044	224640 N	+27,332.39
1305000286174	A205	CTC CAL 30 PP API	B2C	1361150	104800 A	+27,245.52
1320000393351	D310	CHG, FRCP 5/54	P64	3458	118056 N	+27,169.28
1340000389148	H601	IGNR 116 1	P68	17561	210732 N	+27,015.79
1340000286092	H601	FLCKET, PRACTICE	P64	43587	394123 M	+26,599.21
131000	B552	CTC 40MM API M81	B12	13755	92000 A	+25,827.26
1340007069415	D643	FRL 8/55 BLP/T	P64	546	205533 N	+25,755.81
1320000393748	D487	FRL ECTILE, 155	P67	2247	141960 N	+25,703.97
1305005340876	A743	CTC 20MM LNF	P67	206670	117801 N	+25,288.96
1320000392336	D305	CHG, FRCP 5/54	P64	3140	107155 N	+24,894.11
1340007069633	F918	WRFC 10 9	P68	18112	547525 N	+24,670.48
1305003011665	A216	CTC, 30 EALL M2	P64	1806864	102491 M	+24,127.24
1340000286093	F602	FLCKET, SMKE, 3	P64	39610	354905 M	+23,552.04
1340000286092	H601	RECKNET, PRACTICE	P67	76155	682707 M	+23,012.63
1376006539816	H922	CCFP 8, RECLNG	P68	832655	832655 N	+22,577.64
1340000388357	H922	WFL PKT 5.0C HE	P67	3829	197767 N	+22,673.02
1340000253273	K951	BAR CAS IUSE M1	P67	2126	233600 N	+22,645.92
1340000388349	F902	WRFC 12	P68	6715	289238 N	+21,516.30
134000020249	S505	WFL PKT 5.0 HE	P64	3819	198588 N	+21,737.51
134000029996	S505	CASE, CC, LCO 9-4	P64	476	166600 N	+21,123.81
1305003050908	A230	CTC, 30 TRA M25	P68	1526780	85455 M	+20,721.07
1315009269275	C660	CARTRIDGE, 106 M	P67	1487	308464 M	+20,549.26
1305000200555	D676	CTC 20MM MIXED	P64	171746	101330 N	+20,349.81
1315007527574	C260	CTC FRCP 8 IA M2	P67	5450	321200 A	+20,192.84
1345000253273	K951	BAR CAS IUSE M1	P67	2222	92213 M	+19,463.29
1320000393660	D631	FRL 8/55 HC	P68	2536	278560 N	+19,430.58
1305000391046	A746	CTC, 20MM FEI-01	P68	454	115592 A	+19,405.48
1320000394012	D872	FRLJ, 16/50 AP	P73	56	110590 N	+18,391.23
1315000284817	C495	CTC 105MM SPK WP M32	BRC	1600	151200 N	+17,887.04
					120000 A	+17,788.60

¹ THE SUM OF RECLAMATION VALUE PLUS ANNUAL PROCESSING AND STORAGE COST AVOIDED
PLUS THE VALUE OF STORAGE SPACE RELEASED MINUS THE DEMIL PROCESSING COST

DATE 04/20/77

ECONOMIC EVALUATION OF DEMILITARIZATION
ON-SITE ANALYSIS OF 252 HIGH TONNAGE ITEMS
USING DEC. 1976 INVENTORY
80,000 LBS - CVER

ASN	DDIC	COMPONENT	LLC	QUANTITY (UNITS)	WEIGHT SRV (LBS)	NET COST AVOIDANCE ¹ (DOLLARS)
1315000284482	C273	CARTRIDGE, 90 MI	P67	2832	115057 M	+17,580.47
1315000557201	C140	CTC 3/50	P72	6558	163294 N	+17,324.70
1315000491050	A745	CTC, 20MM PET	P67	175103	99608 N	+17,173.78
1320000394076	C835	CTC, FRC 16/50	P73	421	141035 N	+16,861.65
1370000778521	L426	FLARE A/C 45-0	P64	5850	173755 N	+16,451.34
1315000284740	C292	CARTRIDGE, 90 MI	P64	10793	447153 M	+16,229.93
132000071620		FRLJ 5-AV, 5/25	P67	2835	152556 N	+16,091.79
1375000285208	M431	CTC CIRC LINEAR	BAD	2359	132600 A	+15,809.12
1305000284544	A775	CTC, 20MM P97	P67	158505	90347 N	+15,546.01
1376000283300		COMP A3	P68	554830	554830 N	+15,311.97
1320000297347	D487	PROJECTILE, 155	P64	1512	149718 M	+14,944.86
1315000557351	C136	CTC 3/50	P72	5602	139485 N	+14,757.18
1315000284864	C800	PROJECTILE AND	P67	1108	94357 M	+14,601.28
1310000420325		57MM MIXED	P64	21591	120070 N	+13,566.67
1350000284906	N330	FZ PT DET	S20	25754	99400 A	+12,811.88
1315000284431	C262	CARTRIDGE, 90 MI	P67	4524	204887 M	+12,810.79
1320000394038	D681	FRLJ, 16/50 ELPT	P64	32	96400 N	+12,695.59
1376000283333		TNT, 1Y 1	P67	110055	110055 N	+12,062.01
1320000560205	D235	FRLJ, 5/38 HC	P67	1661	88564 N	+12,011.15
1340000388358	F655	RT TY22	P67	1813	93532 N	+11,903.13
1351000763172		MINE 39 0	P67	58	112085 N	+11,850.04
1325000390586	F497	CLUSTER, CPM AGT	P67	1550	93530 N	+11,833.61
1374000505899	O530	6/47 SEC	P68	88632	86632 N	+11,376.64
1320000285825	C800	ACFT, CREN, P1A1	P68	224286	85228 M	+10,899.92
1320000394006	D872	FRC, 16/50 AP	P73	34	51800 N	+10,859.55
1325000394581	E116	ECHE, DEFT, PK 5	P67	375	124312 N	+10,757.89
13760005064216		PBX-1, GRC B	P67	97310	97310 N	+10,666.06
1365000331712	K870	SWA FCI, AN-M712	P71	6445	223792 N	+10,620.25
13150007663712		CTC, 27/50 VT	P67	5172	189553 N	+10,254.34
1320000284879	D541	CHG FRC 155MM	BAD	4375	133400 A	+10,050.68
1361000712458		DEFT, CHANGE, HI	P71	210	105025 N	+10,038.37
13400006063408	H342	RKT MOTOR, JATO	P67	464	95231 N	+9,755.89
13150003011080	C262	CARTRIDGE, 90 MI	P64	5001	208091 M	+9,492.19
1345000285118	K180	MINE AT M15	BPD	1860	91000 F	+9,310.28
1340000607171		MFC, 3.25 PE 2-0	P67	5893	90280 N	+8,415.94
13400006089362		MFC, RKT 5.00 HE	P64	3203	166972 N	+8,331.06
1340000303485	F653	FT TY21	P68	1658	89637 N	+8,172.12
13200005297348	D485	PROJECTILE, 155	P64	1016	96754 M	+8,072.51
1340000388345	F900	WFC 10	P68	6828	197056 N	+7,888.79

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PLUS THE VALUE OF STORAGE SPACE RELEASED MINUS THE DEMIL PROCESSING COST

DATE 04/20/77

ECONOMIC EVALUATION OF DEMILITARIZATION
ON-SITE ANALYSIS OF 252 HIGH TENNACE ITEMS
USING DEC. 1976 INVENTORY
80,000 LBS - OVER

NSN	DDIC	DESCRIPTION	LLC	QUANTITY (LATS)	WEIGHT SRV (LBS)	NET COST AVOIDANCE ¹ (DOLLARS)
1220000393680	D631	FRC, 8/55 FC	P64	465	119412 N	+7,778.24
122000029996	S505	CASE, CC, LDC 5-4	P68	4567	1598450 N	+7,585.82
1305000284551	A765	CTC, 20MM M55A1	P64	205655	165800 A	+7,288.00
1315000161518		CTC, 3/7C VT	P67	3674	134652 N	+7,284.73
13200008240811		CHC, SLFF (AJ CASE)	BC8	196614	93000 A	+7,267.53
1320000391971	D272	CHC, PRCP 5/38	P71	3810	116586 N	+6,550.16
1315000284751	C292	CANTRIDGE, 9C M1	P64	5210	205534 M	+6,486.32
1301000120458		CEFT, CHARGE, M1	P64	210	105025 N	+5,541.39
1340000348875	H937	WRC	P69	3561	104729 N	+5,223.62
1315000284821	C500	CTC, 105MM H1/RR	B40	1464	85000 A	+4,616.35
13050003502658	A647	CTC, 20MM LKC	B20	148752	117600 A	+3,380.26
13250005407629	E480	ELNE, GF MK 82-1	P69	162	80190 N	+3,341.55
1320000393808	D608	CHC, PRCP 8/55	P68	1813	85211 N	+3,230.65
13010006077174		LC, PRCP 4.0C	P67	7455	186275 N	+2,745.11
1390000931248		FLZE M66	P64	320385	320385 N	+1,006.38
1351000707663		CASE 50	P64	846	390552 N	+828.71
13400003063408	H342	KMT MOTOR, JATO	P65	538	110415 N	+538.92
1325001024261	E508	ELNE, GF 83	P64	193	178525 N	-588.92
1325001136003	E506	ELNE, GF MK 83-4	P64	216	199800 N	-1,106.11
13760006720265		INT, RECLAIMED	P73	144870	144870 N	-5,395.89
1340000386344	H915	WRC	P68	4216	83940 N	-6,437.22
1351000930540		CASE 6	P67	1023	467511 N	-6,872.16
1315000285036	C708	CANTRIDGE, 4.2 I	P64	8440	199174 M	-10,727.76
1320000392037	D274	CHC, PRCP 5/38	P72	4772	146023 N	-11,015.00
13250004091726	E487	ELNE, GF 82	P69	292	144540 N	-11,448.00
132000	C970	CHC, RIFLE FT M31 W/	BND	12642	98000 A	-11,875.63
1320000699784	D845	CHC, PRCP 16/50	P68	567	90720 N	-12,764.46
13150006071600		FRC, 3/7C VT	P64	6048	50120 N	-16,584.50
1320000391971	D272	CHC, PRCP 5/38	P72	7380	225828 N	-17,035.37
1325000187053	F837	FUZE, MK 344-0	P65	15551	86587 N	-22,596.87
13500004322193	NX77	ILLUMINANT, 214	P68	195555	143596 M	-24,225.64
135000024885	G990	CHC, RIFLE	P64	81213	126692 M	-24,853.24
1340000970314	H935	WRC	P68	20549	431529 N	-29,410.12
1351000950619	R740	CASE 25	P72	104	182416 N	-30,462.39
1361000386124		ILLUMINANT, 3-0, 2, 3	P67	12531	127867 N	-32,341.06
1315000420147		FRC, SA 12CPM	P68	5130	426005 M	-44,453.53
1340000388361	H916	WRC	P68	20485	436329 N	-47,836.47
1315000284682	C032	CTC, 75MM SMK WP	B21	8478	305200 A	-62,617.95
1325001337058	E802	ELNE, CEL-63/8	P64	525	433125 N	-72,206.66

1 THE SUM OF RECLAMATION VALUE PLUS ANNUAL PROCESSING AND STORAGE COST AVOIDED
PLUS THE VALUE OF STORAGE SPACE RELEASED MINUS THE DEMIL PROCESSING COST

DATE 04/20/77

ECONOMIC EVALUATION OF DEMILITARIZATION
ON-SITE ANALYSIS OF 252 HIGH TONNAGE ITEMS
USING DEC. 1976 INVENTORY
80,000 LBS - COVER

ASN	DDIC	DESCRIPTION	LEC	QUANTITY (UNITS)	WEIGHT SRV (LBS)	NET COST AVOIDANCE ¹ (DOLLARS)
1340000385277	F436	FRCP GR, RKT	P67	84627	93309 N	-75,865.49
1340000286090	H600	POCKET, HEAT, 3.5	P64	14753	132777 M	-81,074.12
1351000930619	R740	CASE 25 1	P68	2348	4118352 N	-83,728.50
1361000388875	S435	ESTR, ALX, CC 2-0	P64	1344270	470454 N	-86,354.17
13150006071599	FRUJ, 3/70 VT		P64	32962	505430 N	-95,373.88
13200005297347	D487	FRU, ECILE, 155	P68	12616	1368256 M	-98,377.83
13250004601305	E485	ELME, GP, MK E2-1	P68	2748	1360260 N	-107,737.92
1340000286093	H602	POCKET, SMOKE, 3.	P68	131515	1181557 M	-108,603.53
13510007076663	CASE	50 0	P68	950	438900 N	-115,082.82
1325000740339	E191	DISP/BLN CBL 15	P68	2762	2071500 N	-199,099.46
1351000930623	CASE	39 0	P64	1139	2033115 N	-206,522.96
13400001437117	H602	PAT 3.5 IN, P-T 127E	B47	34285	630200 A	-219,658.37
13250002944152	E490	ELME, CP 82-C, 1	P64	72140	651750 M	-226,240.99
1351000930619	R740	CASE 25 1	P68	5822	2881690 N	-235,486.45
1315000	C708	CTC 4.2 IN, P2 SR M32	B47	12446	504200 A	-252,595.27
1340000286090	H600	POCKET, HEAT, 3.5	P68	236678	2130102 M	-265,506.00
13650009359292	K771	PICT CIL AGT	BAC	445280	445200 A	-271,125.57
						-549,652.96

TOTAL NET COST AVOIDANCE (4) = +21,887,408.56

¹THE SUM OF RECLAMATION VALUE PLUS ANNUAL PROCESSING AND STORAGE COST AVOIDED
PLUS THE VALUE OF STORAGE SPACE RELEASED MINUS THE DEMIL PROCESSING COST

APPENDIX A

PART 4

ITEM RANKING BY NET DIRECT COST

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DATE 04/20/77

ECONOMIC EVALUATION OF DEMILITARIZATION
ON-SITE ANALYSIS OF 252 HIGH TONNAGE ITEMS
USING DEC. 1976 INVENTORY
80,000 LBS - OVER

NSN	DDIC	NOMENCLATURE	LUC	QUANTITY (UNITS)	WEIGHT SKV (LBS)	NET DIRECT COST1 (DOLLARS)
1305000264556	A776	CTG, 20MM M96	P67	6691995	3747516 N	-839,912.29
1305000286296	A525	CTG, 50 AP M2	P68	9832760	2556517 N	-824,968.56
1361000929993		CASE, DC, LDD 8-0	P67	9817	3043270 N	-509,721.02
1305004490068	A131	CTG 7-62MM BALL TR	BK0	862984	83000 A	-345,159.08
1305000284551	A765	CTG, 20MM M95A1	P67	1323293	754275 N	-303,960.40
1315005420502	C804	PRJ/J/CHG 120MM	P67	21778	2395580 M	-296,859.49
1340000384701	FZ PD	27 0	P68	118897	297024 N	-282,315.61
1325000384582	E116	RHB, DEPTH MK 5	P64	4671	1597888 N	-279,005.91
1315004420120		PRJ, 90MM, HE A3	P68	96205	1924100 M	-247,216.06
1315006839444	C802	PRJ/J/CHG 120MM	P67	17753	1860394 M	-243,693.03
130500	A533	CTG CAL 50 API M8 LK	BK0	3808440	1376200 A	-216,585.98
1315006839444	C802	PRJ/J/CHG 120MM	P64	14670	1553406 M	-202,886.10
1315004420149		PRJ, SA, 120MM	P68	14658	675076 M	-180,554.27
1305005421196	A127	CTG 7-62MM 4 BALL-1	B21	22992200	238600 A	-172,211.58
1305002942234	C807	PROJECTILE AND	P64	3791052	2160899 N	-156,722.09
1315007527689	C600	PROJECTILE AND	P68	21052	1106282 M	-154,132.01
1315003442313	F244	SRH, GP, MK F2-1	P64	10828	922112 M	-149,079.90
1325009123867	C496	CTG 105MM HE M323	B47	24034	1518165 N	-142,771.91
131500	C607	PROJECTILE AND	P68	11328	1800400 A	-141,196.19
1315007527689	C607	PROJECTILE AND	P67	1086404	595236 M	-140,596.91
1305003011587	A776	CTG, 20MM M96	P67	81823	608385 N	-136,354.56
1320007825532	D544	PROJECTILE, 155	P67	9197	7740455 M	-131,781.67
1315005420502	C804	PRJ/J/CHG 120MM	P64	20342	1011670 M	-127,194.51
1315007527689	C807	PROJECTILE AND	P67	9070	1068971 M	-124,892.97
1315003442313	C800	PROJECTILE AND	P67	19438	772400 M	-124,467.91
1315005407439	S526	DC, HE, 7.2 MK4	P64	15085	1209431 N	-120,919.91
1315000384777	S513	WHD, DC, MK 4-0, 3	P67	490	813081 N	-107,948.11
1351000930563		CASE 18 0	P67	14845	922670 N	-102,277.70
1361005407439	S526	DC, HE, 7.2 MK4	P67	1685	923555 N	-100,352.20
1325000384582	E116	RHB, DEPTH MK 5	P67	718200	552680 M	-96,567.32
1305004490055	A131	CTG 7-62MM 4 BALL-1	B21	6400	748400 A	-94,035.94
1315003226371	C802	PRJ/J/CHG 120MM	P64	6985	686784 M	-88,512.00
1315005420418	C801	PROJECTILE AND	P68	6316	594342 M	-87,169.73
1315005420418	C802	PRJ/J/CHG 120MM	P67	5993	694760 M	-86,674.47
1315005420418	C302	PRJ/J/CHG 120MM	P64	5738	659230 M	-82,863.19
131500546747	C802	PROJECTILE AND	P67	3827268	615744 M	-76,742.57
1305002442234		CTG, 20MM HE	P68	1133650	2181542 N	-77,540.45
130500554059	A545	CTG CAL 50 API M8 LK	B20	117502	470400 A	-61,738.58
1315005557391	C136	CTG 3/50	P67		435799 N	-58,120.64

1061L PROCESSING COST MINUS RECLAMATION VALUE

DATE 04/20/77

ECONOMIC EVALUATION OF DEMILITARIZATION
ON-SITE ANALYSIS OF 252 HIGH TECH-AGE ITEMS
USING DEC. 1976 INVENTORY
80,000 LBS - OVER

NSN	DDIC	REVENCLATURE	LWC	QUANTITY (UNITS)	WEIGHT SRV (LBS)	NET DIRECT COST (DOLLARS)
1320000393336	D309	CHG, PKUP 5/54	P07	16461	561978 N	-55,706.16
1325000391050	A745	CTG, 20M4 HET	P08	250308	1464220 N	-52,044.05
1310005557193		CASE, DC 7 0	P04	376	270720 N	-48,175.75
1315009575717	C800	PROJECTILE AND	P07	2414	337200 M	-46,850.22
1315005557057	A776	CTG, 20MM	P07	325200	185364 N	-40,815.85
1346003012607	J324	FZ, VT 4402 A1	P04	121309	327534 N	-36,150.08
1305000285378	A559	CTG, 50B12MM LMK	P07	684920	112334 N	-36,078.19
1346000383341	H912	WOB, KNT 500 HE	P07	15706	793467 M	-35,420.02
1305000286427	A570	CTG, 50 TR M17	P03	1193450	297169 N	-35,290.31
1305003011615	A216	CTG, 30 BALL M2	P07	700500	399313 M	-35,027.50
1305000284550	A765	CTG, 20MM	P07	298580	170190 N	-34,468.08
1315000286187	C801	PROJECTILE AND	P07	15823	1513422 N	-31,518.44
1305000391050	A745	CTG, 20MM HET	P04	670282	382860 N	-27,709.46
1315000000495		CTG, 30 VT	P07	10334	259303 N	-27,292.09
1315003442314	C066	PRJ, 70MM 120MM	P04	3439	305588 N	-27,168.10
1305005297331	P044	PROJECTILE, 155	P08	19630	1861723 M	-26,697.30
1315005557201	C140	CTG 3/50	P04	6996	174200 N	-24,534.37
1315000286865	C805	PROJECTILE AND	P04	2646	234532 M	-24,282.23
1305000286517	A209	CTG, 30 LINKED	P73	1639168	96710 N	-23,604.02
1305000284546	A775	CTG, 20MM	P07	218232	124420 N	-22,513.61
1315005557201	C140	CTG 3/50	P07	6546	162995 N	-21,737.96
1315000721615		CTG, 30 30	P07	600	625680 N	-21,646.53
131500	C267	CTG, 90MM M71	P07	14161	885000 A	-21,177.77
1305005557056	A775	CTG, 20MM	P07	192491	109714 N	-19,852.49
1305000286450	A576	CTG, CAL 50 F0	P07	359835	143800 A	-18,517.11
1315004220122		PRJ, 90MM TBT	P08	7147	142340 N	-18,365.50
1305008922150	A151	CTG, 7.62MM BALL TR L	P07	1076174	103400 A	-18,090.48
1315003442314	C066	PRJ, 70MM 120MM	P07	7806	695304 M	-15,952.34
1305000391051	A744	CTG, 20MM HET	P04	356141	203000 N	-14,722.86
1305000384618	F976	F02E, MK 230-4	P07	6618	99270 N	-14,402.18
1315000391304	B559	CTG, 40MM M1-T M11	P07	18471	133000 A	-14,222.67
131500	B552	CTG, 40MM MPT M81	P07	15795	92000 A	-13,798.72
1305000286174	A205	CTG, CAL 30 AP A1	P07	1361150	104800 A	-13,543.44
1315000284555	A776	CTG, 20MM	P07	271417	151993 N	-12,466.18
1315000391051	A744	CTG, 20MM HET	P08	591060	326804 N	-11,974.88
1305000284351	O217	CHG, PKUP 5/54	P04	3458	116056 N	-11,733.65
1315000284740	C292	CARTRIDGE, 30 M1	P03	6912	286364 M	-11,453.19
13050003011615	A216	CTG, 30 BALL M2	P04	1806864	102991 M	-10,660.50
1320000393336	D309	CHG, PKUP 5/54	P04	3140	107199 N	-10,654.52

100% PROCESSING COST MINUS RECLAMATION VALUE

DATE 04/20/77

ECONOMIC EVALUATION OF DEMILITARIZATION
ON-SITE ANALYSIS OF 252 HIGH TONNAGE ITEMS
USING DEC. 1976 INVENTORY
80,000 LBS - OVER

NSN	DODIC	NOMENCLATURE	LIC	QUANTITY (UNITS)	WEIGHT SRV (LBS)	NET DIRECT COST ¹ (DOLLARS)
130500AM20056		PRCJ 20MM S4	P68	503690	131463 N	-10,204.76
1305000391051	A744	CTG, 20MM HEI	P67	408218	232741 N	-9,619.97
1305003050908	A230	CTG, 30 TRA M25	P69	1526780	85499 M	-9,542.37
1305006934878	A793	CTG, 20MM LNK.	P67	206670	117601 N	-9,492.35
131500	C499	CTG 105MM SMK WP M32	B47	7630	576000 A	-9,239.88
1320000394764		PRCJ 5 AY, 8/55	P68	976	251925 N	-9,225.47
1315007527574	C280	CARTRIDGE, 90 MI	P67	2222	92213 M	-7,405.93
1320000393748	D643	PRCJ, 8/55 BLPT	P64	546	141560 N	-7,143.53
1305002120055		CTG 20MM MIXED	P64	171746	101330 N	-7,099.98
1320005409634	D394	PRCJ, 6/47 AP	P68	3232	420160 N	-6,824.34
1320000740309	E191	CLSP/RCM CBU 15	P67	1122	841500 N	-6,683.92
1305003011642	A562	CTG, 50 INC M1	P68	804320	135449 N	-5,614.16
1320003557741	D394	PRCJ, 6/47 AP	P68	2252	292760 N	-4,755.09
1320005409661	D394	PRCJ, 6/47 AP	P68	2053	266890 N	-4,334.38
1320000393680	D631	PRCJ, 8/55 HC	P68	454	115592 N	-4,291.35
1320005557743	D394	PRCJ, 6/47 AP	P68	2014	261820 N	-4,252.54
1305000391050	A745	CTG, 20MM HEI	P67	175103	99808 N	-4,125.43
1305000391046	A746	CTG, 20MM HEI-DI	P68	194019	110590 N	-3,930.33
1305000284544	A775	CTG, 20MM M97	P67	158505	90347 N	-3,734.38
1320000284352	D545	PROJECTILE, 155	P67	1423	196146 M	-2,913.88
1315000284864	C800	PROJECTILE AND	P67	1108	94357 N	-2,264.31
1315000284817	C499	CTG 105MM SMK WP M32	B30	1600	120000 A	-2,099.20
1315000284482	C273	CARTRIDGE, 90 MI	P67	2332	119057 M	-2,014.09
1340000286092	H601	KICKET, PRACTICE	P65	105606	946229 M	-1,715.04
132000074152	D281	PRCJ, 8IN AP, 20	P67	1833	476580 N	-1,437.31
132000394038	D281	PRCJ, 16/50 SLPT	P64	32	86400 N	-992.62
1351005936859	B459	BATT CMPRT, LUD	P67	184	301248 N	-432.50
1320005602085	D235	PRCJ, 5/38 HC	P67	1661	86564 N	-243.23
1315000284427	C266	CARTRIDGE, 90 MI	P67	5113	211831 M	-81.44
134000AM20240		WHL RKT 5.0 HE	P68	9706	280115 N	+184.17
1340000284906	N330	F2 PT DET	B20	25794	99400 A	+212.72
137600F005899	O53A	6/47 SPD	P68	88632	88632 N	+242.23
1330000285825	G800	APTR, GREN, M1A1	P68	224286	65228 M	+326.39
1340000383398	H655	RT TY22	P67	1813	93532 N	+396.41
1325000305866	F497	CLUSTER, CHM AGT	P67	17501	93530 N	+537.54
1340000389148		IGNR 118 1	P68	17501	210732 N	+656.31
1341000929996	S505	CASE, DC, LDD 9-4	P64	476	166600 N	+1,019.15
1340000389149		IGNR 118 2	P68	33295	399540 N	+1,117.65
13400007869415		RM 22 0	P68	37033	205533 N	

DEMIL PROCESSING COST MINUS RECLAMATION VALUE

DATE 04/20/77

ECONOMIC EVALUATION OF DEMILITARIZATION
ON-SITE ANALYSIS LF 252 HIGH TONNAGE ITEMS
USING DEC. 1976 INVENTORY
80,000 LBS - OVER

NSN	DDIC	NOMENCLATURE	LUC	QUANTITY (UNITS)	WEIGHT SRV (LBS)	NET DIRECT COST ¹ (DOLLARS)
1320000394008	D872	PRJ, 16/50 AP	P73	34	91800 N	+1,142.40
1375000285208	M431	CHG DEMU LINEAR	BAD	2339	132600 A	+1,527.67
1320000394076	D839	CHG, PRP 16/50	P73	421	141035 N	+1,578.75
1326000394012	D872	PRJ, 16/50 AP	P73	56	151200 N	+1,881.60
13760009084216		HSA-1, CKD B	P67	97310	97310 N	+2,058.11
1365000253273	K951	WAF GAS IUSE MI	P64	2044	224840 N	+2,064.44
131000020325		57FM MIXED	P64	21991	120070 N	+2,133.13
1376000626333		INT, TV 1	P57	110055	110055 N	+2,327.66
1345000285118	K180	NIFE AT M15	BPU	1860	91000 F	+2,587.52
13460006063408	M342	RKT MOTOR, JATO	P67	464	95231 N	+2,696.40
1351000763172		MIRE 39 0	P67	58	112035 N	+2,803.80
1340000386357	M922	WHU, RKT 5.00 HE	P63	96936	1163232 N	+2,967.21
1340001437117	H600	KUCKET, HEAT, 3.5	P67	3829	197767 N	+2,982.98
1340006677171		ARG, 3.25 HE 2-0	P67	55014	492925 M	+3,122.59
1315005557341	C136	CTC 3/50	P72	5893	90280 N	+3,387.65
1340009303489	H653	RT TY21	P68	5602	139489 N	+3,435.37
1361009120458		DEPTH CHARGE, MI	P71	1698	89637 N	+3,547.99
1361000929996	S505	CASE, DC, LDD 9-4	P67	210	105025 N	+3,672.53
1340000574862		ICAR 120	P68	6255	2185250 N	+3,734.24
1320005297347	D487	PRJ JECTILE, 155	P67	122705	1472460 N	+3,756.00
1315005557201	C140	CTC 3/50	P67	2247	222497 M	+3,801.81
1375000205206	M431	CHG DEMU LINEAR	BTO	6558	163294 N	+4,025.96
134000020249		NHL RKT 5.0 HE	P64	8698	509600 A	+4,110.32
1320005297348	D485	PRJ JECTILE, 155	P64	3819	196588 N	+4,225.76
1320005297347	D487	PRJ JECTILE, 155	P64	1016	96794 M	+4,583.61
1320000240811		CHC SUPP (AI CASE)	P64	1512	149718 M	+4,630.35
1325000384581	E116	BUP3, DEPTH MK 5	B03	196614	95000 A	+4,891.76
1370000778521	L426	FLARE A/C 45-0	P64	5890	124312 N	+5,496.41
1315000284921	C500	CTC 105MM HT/AR	B40	1464	173755 N	+6,266.78
135100030568	R739	CASE 25 1	P67	230	403420 N	+6,496.98
1325005407624	E480	BUPB, GP MK 62-1	P68	162	80190 N	+6,671.10
1320000284879	D541	CHC PRP 155MM	BAD	4375	133400 A	+7,144.20
132000285361	E107	KUKB, SAP N59A1	P64	1125	1143000 N	+7,350.70
1320000393680	D631	PRJ J, 8755 HC	P64	469	119412 N	+7,762.52
1320000393808	D604	CHC, PRP 8/55	P68	1813	85211 N	+7,835.40
1351007070666	R744	CASE 36 2	P67	338	302510 N	+7,911.50
1355000253273	K951	WAF GAS IUSE MI	P67	2126	233860 N	+7,917.58
						+7,929.98

DEMIL PROCESSING COST MINUS RECLAMATION VALUE

ECONOMIC EVALUATION OF DEMILITARIZATION
ON-SITE ANALYSIS OF 252 HIGH TENNAGE ITEMS
USING DEC. 1976 INVENTORY
80,000 LBS - OVER

DATE 04/20/77

NSN	DODIC	NUMENCLATURE	LEC	QUANTITY (UNITS)	WEIGHT SRV (LBS)	NET DIRECT COST (DOLLARS)
13610009120459	C500	DEPTH CHARGE, H1	P64	210	105025 N	+6,189.51
131500		CTC 105MM HT M341	B47	9236	535000 A	+8,445.58
1340009348875	H937	W&D 10	P68	3561	104729 N	+8,468.06
13150008924113	C294	CTC 90MM M431 HT-T	B80	7928	432200 A	+8,496.52
13200002034309	D394	PRJ, 6/47 AF	P68	4791	622230 N	+8,516.39
1320000091971	D272	CHG, PRCP 5/38	P71	3210	116546 N	+8,692.02
1315005161518		CTC, 3/70 VT	P67	3674	134652 N	+10,321.26
132000094292		PRJ 5-4Y, 5/25	P67	8343	393788 N	+11,343.14
1305009502658	A847	CTC 20MM L&L	B20	14872	117600 A	+11,995.36
1340000388362		W&D, RKT 5.00 HE	P64	3203	16672 N	+13,500.68
1376006539816		CURP B, RECLND	P64	405600	405600 N	+13,502.42
1340000063408	H342	RKT MOUTN, JATO	P65	538	110419 N	+13,698.01
1315000284431	C262	CATRIDGE, 90 MI	P67	4924	204387 M	+13,976.18
1320005551255	D402	PRJ, 6/47 MC	P68	7921	622378 N	+14,080.22
1305000284551	A765	CTC, 20MM M95A1	B40	208695	165009 A	+14,389.52
1315007663712		CTC, 3/70 VT	P67	5172	189553 N	+14,529.55
1340000388349	H902	W&D 12	P68	8715	289338 N	+15,913.59
1365000253273	K951	X&E GAS 10SE M1	P68	2536	278960 N	+17,041.92
1340000388344	H915	W&D 7	P68	4216	83940 N	+17,412.08
1315003011080	C262	CATRIDGE, 90 MI	P64	5001	208091 N	+17,715.84
1340000388345	H900	W&D 10	P68	6828	197056 N	+17,375.70
1340000286093	H602	RCKET, SMKE, 3.	P67	99369	890346 M	+18,061.31
1345006331712	K870	SM PGT, AN-F712	P71	5445	223792 N	+18,640.48
1366002024908		W&D, M3X 17 3	P67	391	482494 N	+18,901.46
1340000388354	H922	W&D, RKT 5.00 HE	P67	24454	1263049 N	+19,050.89
1315009265275	C660	CATRIDGE, 106 M	P67	7487	308464 M	+19,780.21
1315000284751	C292	CATRIDGE, 90 MI	P64	5210	205534 M	+20,387.14
1361006077174		EC, PRAC, 4.00	P67	7455	166375 N	+21,623.08
1320000264378	D676	CHC PRCP F IN M2	B80	5450	321200 A	+21,802.45
1340000286093	H602	RCKET, SMKE, 3.	P64	39610	354205 M	+22,449.36
1376004722647	E508	CURP A3, RECLND	P67	1081298	1081298 N	+22,869.45
1325001024261		BUN, GP M3 4	P64	193	178525 N	+24,329.58
1376006720265		TNT, RECLAIMED	P73	144870	144870 N	+24,338.16
1320000399784	D845	CHG, PRCP 16/50	P68	567	90720 N	+24,625.71
133000	G970	GRN RIFLE HT M31 W/	B80	12642	98500 A	+24,793.24
1340000286092	H601	RCKET, PRACTICE	P64	43987	394123 M	+24,930.07
1325001136003	E506	BUN, GP MK 83-4	P64	216	199600 N	+27,228.96
1315006071600		PRJ, 3/70 VT	P64	6048	90720 N	+28,845.75
1351000930623		CASE 39 0	P67	606	1081710 N	+29,294.85

IDENTAL PROCESSING COST MINUS RECLAMATION VALUE

DATE 04/20/77

ECONOMIC EVALUATION OF DEMILITARIZATION
ON-SITE ANALYSIS OF 252 HIGH TORRAGE ITEMS
USING DEC. 1976 INVENTORY
80,000 LBS - OVER

NSN	DODIC	NOMENCLATURE	LUC	QUANTITY (UNITS)	WEIGHT SKV (LBS)	NET DIRECT COST (DOLLARS)
1320000392037	D274	CHC, PRDP 5/30	P72	4772	146023 N	+30,106.45
13250004091726	E487	RM, GP R2	P68	292	144540 N	+30,346.01
13250004167053	F437	FUZE, MK 344-0	P65	19951	36587 N	+33,916.70
1370007944594	L585	MARKER 58	P64	42642	552661 N	+36,261.89
1315000285006	C708	CARTRIDGE, 4.2 I	P64	8440	199774 M	+36,847.94
1315000394104		PRJ, 3/50 AP	P64	68237	891657 N	+36,895.74
1340000931246		FUZE M66	P64	320389	220389 N	+40,681.04
133000824885	G990	GRENADE, RIFLE	P64	81213	126692 M	+41,418.63
1315000284740	C292	CARTRIDGE, 90 MI	P64	10793	447153 M	+42,233.88
134500	K180	MINE AT M15 HT HVY	B6D	11040	549800 A	+42,675.23
1340004322193	NX77	SULFUR, M21A4	P68	199595	143596 M	+43,052.92
1320000391971	D272	CHC, PRDP 5/38	P72	7380	225028 N	+46,560.27
1351007070663		CASE 50	P67	3649	1778236 N	+46,792.37
1340007680633	H916	WRPD 10	P68	18112	547525 N	+47,417.22
1351000763225		MINE 39	P67	999	1930567 M	+48,293.00
1361000388134		TL ASSY, 3-0, 2, 3	P67	13531	127867 N	+49,057.99
1351007070663		CASE 50	P64	846	390352 N	+50,274.16
1351000930619	R740	CASE 25	P72	104	182416 N	+54,312.96
1325004091727	E488	BULB, GP 82	P64	7422	3673690 N	+54,600.58
1376006283300		CUMP A3	P68	554830	554830 N	+57,230.71
1220000392769	D232	PRJ, 5/38 VT	P64	17977	981723 N	+57,824.99
1340000388348	H901	WRPD 10	P63	27334	843253 N	+65,000.25
1340000388346	H900	WRPD 10	P68	27545	794748 N	+65,502.01
1340000286092	H601	ROCKET, PRACTICE	P67	76195	682707 M	+66,246.36
1351000930540		CASE 6	P67	1023	467511 N	+67,998.13
1340000970314	H935	WRPD 7	P68	20549	431529 N	+85,829.27
1376006539816		CUMP B, RECLMD	P68	832655	832655 N	+85,886.36
1360000385277	H436	PRJ, GR, RKT	P67	84827	93309 N	+88,064.00
1340000286090	H600	ROCKET, HEAT, 3.5	P64	14753	132777 M	+98,434.38
1340000388350	H902	WRPD 12	P68	54545	1810892 N	+99,599.17
1315000420147		PRJ, SA 120MM	P68	9130	426005 M	+100,150.90
1315000284682	C032	CTG 75MM SHK WP	B21	8478	305200 A	+102,521.32
1340000286090	H600	ROCKET, HEAT, 3.5	P67	150761	1356849 M	+103,747.69
1340000388361	H916	WRPD 8	P68	20485	436329 N	+104,883.20
1340000388444		RKT MDT, 5.00	P67	84004	7321788 N	+125,281.04
1325001337055	E802	PRJ, CBU-65/B	P64	525	433125 N	+128,835.00
1340000116666		PRJ, GR 1A	P68	275000	660000 N	+141,201.50
1340000388875	S435	FSTR, AUX, CC 2-0	P64	1344270	470494 N	+147,669.70
1351000930619	N740	CASE 25	P67	5170	9068180 N	+149,954.82

DEMIL PROCESSING COST MINUS RECLAMATION VALUE

DATE 04/20/77

ECONOMIC EVALUATION OF DEMILITARIZATION
ON-SITE ANALYSIS OF 252 HIGH TOXICITY ITEMS
USING DEC. 1976 INVENTORY
80,000 LBS - OVER

NSN	DODIC	NOMENCLATURE	LCC	QUANTITY (UNITS)	WEIGHT SRV (LBS)	NET DIRECT COST (DOLLARS)
1315006071599		PRUJ, 3/70 VT	P64	33962	509430 N	+161,980.74
1376006720265		TNT, RECLAIMED	P67	2372163	2372163 N	+172,029.26
1351007070663		CASE 50 0	P63	950	438900 N	+172,466.80
1361000929996		CASE, DC, LEO 9-4	P68	4567	1598450 N	+201,404.70
1340000286093		M602 RUCKET, SMOKE, 3.	P63	131915	1111957 M	+263,138.77
1320005297347		0487 PRL JECTILE, 155	P68	13616	1343256 M	+274,655.96
1340000388355		M922 RUC, RKT 5.00 HE	P67	74326	3838937 N	+275,452.90
1325004601305		E485 BULB, GP, MK F2-1	P68	2748	1360260 N	+285,584.99
1340000		M602 RKT 3.5 IN AP-T 127E	P67	34685	630200 A	+302,053.87
13400001437117		M600 RUCKET, HEAT, 3.5	P64	72740	651750 M	+311,455.22
131500		C708 CTC 4.2 IN X2 SA M32	P67	13446	504200 A	+331,427.63
1325000740389		E191 D1SP/50N CRU 15	P68	2762	2071500 N	+469,937.73
1351000930623		CASE 39 0	P64	1139	2032115 N	+472,343.30
1351000930619		R740 CASE 25 1	P64	1077	1889058 N	+499,580.30
1340000286090		M600 RUCKET, HEAT, 3.5	P68	236678	2130102 M	+549,625.49
13e5009359292		K771 RILT CTL AGT	BA0	445280	445200 A	+607,860.63
1325002944152		E480 BULB, GP 82-0, 1	P68	5522	2881390 N	+612,280.47
1351000930619		R740 CASE 25 1	P68	2348	4118392 N	+622,188.70

TOTAL NET DIRECT COST (\$) = +1,341,645.07

DEMIL PROCESSING COST MINUS RECLAMATION VALUE

APPENDIX A

PART 5

ITEM RANKING BY SQUARE FOOTAGE RELEASED

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DATE 04/20/77

ECONOMIC EVALUATION OF DEMILITARIZATION
ON-SITE ANALYSIS OF 252 HIGH TENNAGE ITEMS
USING DEC. 1976 INVENTORY
80,000 LBS - OVER

NSN	DDDIC	ADNENCLATURE	LCC	QUANTITY (UNITS)	WEIGHT SRV (LBS)	SQ. FT. RELEASED ¹
1351000930619	R740	CASE 25 1	P67	5170	9068180 N	35,365.90
1320007825532	D544	PRJCTILE, 155	P67	81823	7740455 M	30,197.79
1340000388444		RKT MOTOR, 5.00	P67	84004	7321788 N	28,554.94
1340008116666		PRCP GR 18 0	P68	275000	6600000 N	25,740.00
1351000930619	R740	CASE 25 1	P68	2348	4116392 N	16,061.76
1340000388355	H922	WHD, RKT 5.00 HE	P67	74326	3838937 N	14,971.87
1305000284556	A776	CTG, 20MM M96	P67	6691935	3747516 N	14,615.33
1325004091727	E488	BURB, GP 82 2	P64	7422	3673890 N	14,328.21
1341000929993		CASE, DC, LDD 8-0	P67	9817	3043270 N	11,868.79
1325002944152	E480	BURB, GP 82-0, 1	P63	5822	2881890 N	11,239.41
1305000286296	A525	CTG, 50 AP M2	P68	9832760	2556517 N	9,970.43
1315005420502	C804	PRJ/CHG 120MM	P67	21778	2395590 M	9,342.76
1376006720265		TNT, RECLAIMED	P67	2372163	2372163 N	9,251.42
1361000929996	S505	CASE, DC, LDD 9-4	P67	6255	2199250 N	8,538.11
1305002942234		CTG, 20MM HE	P68	3827268	2161562 N	8,508.01
1305002942234		CTG, 20MM HE	P64	3791052	2160899 N	8,427.51
1340000286090	H600	RCKET, HEAT, 3.5	P68	96205	1924100 M	7,503.99
1325000740389	E191	DISP/BDM CBU 15	P68	1077	1889058 N	7,357.33
1351000930623		CASE 39 0	P68	17758	1880394 N	7,333.56
1351000763225		MINE 39 0	P64	19680	1861728 M	7,260.71
131500AM20120		PRJ, 90MM, HE A3	P67	54545	1810592 N	7,062.51
1301000930619	R740	CASE 25 1	P68	24834	1800400 A	7,021.56
1315006639444	C802	PRJ/CHG 120MM	P67	3849	1778238 N	6,935.14
1326005297331	D544	PRJCTILE, 155	P68	4567	1598450 N	6,223.99
1340000388350	H902	*RFD 12	P64	14670	1553406 M	6,200.95
131500	C496	CTG 105MM HE M323	P64	3057	1518165 N	6,058.26
131007070663		CASE 30 0	P68	122705	1472460 N	5,920.82
1341000929996	S505	CASE, DC, LDD 9-4	P67	2568808	1464220 N	5,742.59
1325000384582	E116	PRCP, DEPTH FK 5	P68	3908440	1378200 A	5,710.46
1315006639444	C802	PRJ/CHG 120MM	P64	2748	1360260 N	5,374.98
1325004123867	F244	BURB, GP, MK 82-1	P64	150761	1356449 M	5,305.01
1340006574862		IGER 120	P67	15423	1346256 M	5,291.48
1305000391050	A745	CTG, 20MM HE	P68	24454	1263049 N	5,122.34
130500	A533	CTG CAL 50 API M8 LK	P68			4,925.86
1324004601305	E485	BURB, GP, MK 82-1	P63			
1340002860590	H600	RCKET, HEAT, 3.5	P67			
1325005297347	D487	PRJCTILE, 155	P68			
1315004261897	C801	PRJCTILE AND	P67			
1340000388354	H922	WHD, RKT 5.00 HE	P67			

¹USED AVERAGE STORAGE DENSITY OF 7.5 SQ. FT. PER TON AND STORAGE COST AVOIDED

DATE 04/20/77

ECONOMIC EVALUATION OF DEMILITARIZATION
ON-SITE ANALYSIS OF 252 HIGH TONNAGE ITEMS
USING DEC. 1976 INVENTORY
80,000 LBS - UVER

NSN	DDIC	NOMENCLATURE	LUC	QUANTITY (UNITS)	WEIGHT SKV (LBS)	SC. FT. RELEASED ¹
1361005609439	S526	DC, HE, 7.2 MK4	P64	19438	1209431 N	4,716.82
1340000286093	H602	POCKET, SMOKE, 3.	P68	131915	1181957 M	4,609.64
1340000389146		15AR 117 2	P68	96936	1183232 N	4,536.04
1325000285361	E107	SUBB, SAP M59A1	P64	1125	1143000 M	4,457.70
1315007527689	C807	PRJ, CTG 90MM M71	P64	21052	1106282 M	4,314.49
1351000300623		CASE 39 0	P67	606	1061710 N	4,218.71
13760004722647		COMP A3, RECLD	P67	1061298	1081298 N	4,217.07
1315007527689	C807	PRJ, CTG 120MM	P67	20342	1068971 M	4,169.02
1315005420502	C804	PRJ, CTG 120MM	P64	9197	1011570 M	3,945.55
1320000392709	D232	PRJ, 5/18 VT	P64	17377	981723 N	3,928.71
1340000286092	H601	RCKET, PRACTICE	P68	105606	9462229 M	3,690.26
1361005609439	S526	DC, HE, 7.2 MK4	P67	14345	923055 N	3,602.27
1310000300563		CASE 18 0	P67	490	922670 N	3,598.45
1315003442313	C800	PRJ, CTG 120MM	P68	10128	922112 M	3,566.27
1315000394104		PRJ, 3/50 AP	P64	68237	891357 N	3,478.25
1340000286093	H602	RCKET, SMOKE, 3.	P67	99369	890346 N	3,472.33
131500	C267	CTG 90MM M71	B22	14161	843253 N	3,451.50
1340000388348	H901	MRD 10	P63	27334	841500 N	3,288.71
1325000740389	E191	51SP/60M CBU 15	P67	1122	841500 N	3,261.85
13760006539816		COMP 8, RECLD	P68	832055	832055 N	3,247.37
1320005551255	D402	PRJ, 6/47 HC	P63	7921	828378 N	3,230.68
1361000388477	S513	MRD, DC, MK 4-O, 3	P67	15085	813081 N	3,171.01
1340000388346	H900	MRD 10	P68	27545	796946 N	3,100.27
1340000388341	H912	MRD, RKT 5.00 HE	P67	15706	773467 N	3,094.49
1315003442313	C800	PRJ, CTG 120MM	P67	9070	772400 M	3,012.36
1305000284551	A765	CTG, 20MM M55A1	P67	1323293	754275 M	2,941.69
1305004499055	A131	CTG 7.62MM 4 BALL-1	B21	7183600	742400 A	2,918.76
1315003442314	C806	PRJ, CTG 120MM	P67	7806	695904 N	2,714.01
1315005420418	C802	PRJ, CTG 120MM	P67	6316	694760 N	2,709.56
1315003226371	C802	PRJ, CTG 120MM	P64	6400	660784 M	2,678.44
1340000286092	H601	RCKET, PRACTICE	P67	76195	662707 M	2,662.53
131500420149		PRJ, 5A, 120MM	P68	14468	675076 M	2,632.81
1315005420418	C802	PRJ, CTG 120MM	P64	5593	659230 M	2,571.04
1340001437117	H600	RCKET, HEAT, 3.5	P64	72740	651750 M	2,541.86
134000	H602	RKT 3.5 IN 5P-T 127E	B47	34885	630200 A	2,457.78
1351000721815		UMI, 060 36 1	P67	660	625680 N	2,440.15
1320002034309	D394	PRJ, 6/47 AP	P68	4791	622830 N	2,429.08
1315005546747	C302	PRJ, CTG 120MM	P67	5738	615744 M	2,401.39
1305003011587	A776	CTG, 20MM M46	P67	1086404	608585 N	2,372.68

¹USED AVERAGE STORAGE DENSITY OF 7.8 SQ. FT. PER TON AND STORAGE COST AVOIDED

DATE 04/20/77

ECONOMIC EVALUATION OF DEMILITARIZATION
ON-SITE ANALYSIS OF 252 HIGH TUNNAGE ITEMS
USING DEC. 1976 INVENTORY
80,000 LBS - OVER

NSN	DDIC	NUMENCLATURE	LUC	QUANTITY (UNITS)	WEIGHT SKV (LBS)	SQ. FT. RELEASED ¹
1315007527689	C807	PROJECTILE AND	P68	11328	595286 M	2,321.59
1315009261897	C801	PROJECTILE AND	P63	6985	594642 M	2,319.68
131500	C499	CTG 105MM SMK WP M32	B47	7680	576000 A	2,246.40
1320000393336	D209	CHG, PRUP 5/54	P67	16261	561978 N	2,191.72
1376006263300		COMP A3	P68	554630	534630 N	2,163.88
1325000384582	E116	90MM, DEPTH MK 5	P67	1635	552680 N	2,155.45
1370007944594	L585	MARKER 58 0	P64	42842	552661 N	2,155.37
134500	K180	MILE AT M15 HT HVY	BKD	11040	549800 A	2,144.22
1340007680633	H918	SRND 10 9	P68	16112	547525 M	2,135.33
131500	C500	CTG 105MM HT H341	B47	9236	535600 A	2,068.84
1375000285208	M431	CHG DEMD LINEAR	BTD	8698	509600 A	1,987.44
1315006071599		PRUJ, 3/70 VT	P64	33962	506430 M	1,926.82
131500	C708	CTG 4.2 IN M2 SR M32	B47	13446	504200 A	1,966.38
1340001437117	H600	RCKET, HEAT, 3.5	P67	55014	492925 M	1,922.39
1356002024908		SRND, H8X 17 3	P67	331	482494 N	1,891.75
1320006074152		PRUJ, 8IN AP, 20	P64	1333	476580 N	1,858.66
1361000386875	S435	BSTR, AUX, DC 2-0	P66	1344270	470494 N	1,834.95
1305005554059	A545	CTG CAL 50 API M8 LK	B20	1133650	470400 A	1,834.56
1351000930540		CASE 6 0	P67	1023	467511 M	1,823.33
1315000284740	C292	CARTIDGE, 40 MI	P64	10793	447153 M	1,743.92
1365009359292	K771	RILT CTL AGT	BAD	445280	445200 A	1,736.28
1351007070663		CASE 50 0	P68	950	436900 M	1,711.71
1340000388361	H916	SRND 8	P68	20485	436529 M	1,701.65
1315005557391	C136	CTG 3/50	P67	17502	435799 M	1,699.62
1325001337058	E802	DISP, CBU-63/8	P64	525	433125 N	1,689.17
1315008924113	C294	CTG 90MM M431 HT-T	BKD	7928	432200 A	1,685.58
134000970314	H935	SRND 7	P68	20549	431529 M	1,682.93
131500A20147		PRUJ, SA 120MM	P68	9130	426005 M	1,661.40
1320005409634	D394	PRUJ, 6/47 AP	P68	3232	420160 N	1,638.62
1376006539816		COMP B, RECLMD	P64	405600	405600 N	1,581.64
1351000930568	R739	CASE 25 1	P67	230	403420 M	1,573.34
1340006389149		IGLR 118 2	P68	33295	399540 N	1,558.21
1305003011665	A216	CTG, 30 BALL M2	P67	7005500	399313 M	1,557.35
1340000266042	H601	RCKET, PRACTICE	P64	43987	394123 M	1,537.07
1320000394292		PRUJ S-AV, 5/25	P67	8343	293788 N	1,535.74
1351007070663		CASE 50 0	P64	846	390852 N	1,524.35
1305000301050	A745	CTG, 20MM HET	P64	670232	382060 N	1,490.03
1351005934859	B459	BATT CHMPT, LDD	P67	184	361248 N	1,486.84
1340000286093	H602	RCKET, SMOKE, 3.	P64	39610	354905 M	1,364.11

¹USED AVERAGE STORAGE DENSITY OF 7.8 SQ. FT. PER TON AND STORAGE COST AVOIDED

DATE 04/20/77

ECONOMIC EVALUATION OF DEMILITARIZATION
ON-SITE ANALYSIS OF 252 HIGH TONNAGE ITEMS
USING DEC. 1976 INVENTORY
80,000 LBS - OVER

NSN	DUDIC	NOMENCLATURE	LUC	QUANTITY (UNITS)	WEIGHT SRV (LBS)	SQ. FT. RELEASED ¹
1315009575717	C600	PROJECTILE AND	P67	3414	337200 M	1,315.08
1305000391051	A744	CTG, 20MM HEI	P68	591060	336704 N	1,313.91
1340003012007	J324	FZ, VT M402 A1	P64	121309	327334 N	1,277.41
1320000284378	D676	CHG PKOP S IN M2	B4D	5450	321200 A	1,252.68
1350000331248		FUZE H66	P64	320389	320389 M	1,249.48
1315009269275	C66C	CARTRIDGE, 106 M	P67	7487	308464 M	1,202.99
1315003442314	C806	PRJ, CHG 120MM	P64	2439	306586 M	1,195.66
1315000284682	C032	CTG 75MM SMK WP	B21	8478	305200 A	1,140.28
1351007070666	R744	CASE 30 2	P67	338	302510 N	1,179.83
1305000280427	A570	CTG, 50 TR M17	P68	1193450	297169 N	1,158.92
1350000387701	FZ PC	27 O	P68	1188097	297024 N	1,158.38
1320005557741	D394	PRJ, 6/47 AP	P68	2252	292760 N	1,141.76
1340000388349	H902	AKND 12	P68	8715	289338 N	1,128.43
1315000284740	C292	CARTRIDGE, 90 MI	P68	6912	286364 M	1,116.80
13400004820240		MHL RKT 5.0 HE	P68	9706	280115 N	1,092.47
1365000253273	K951	AK GAS 105E M1	P68	2536	278560 N	1,087.94
1341005557193		CASE, DC 7 O	P64	376	270720 N	1,055.81
1320005409661	D394	PRJ, 6/47 AP	P68	2653	266890 M	1,040.91
1320005557743	D394	PRJ, 6/47 AP	P68	2014	261120 N	1,021.10
1315000000495		CTG, 3/50 VT	P67	10334	259383 N	1,011.58
1320000394764		PRJ S AY, 8/55	P68	976	251925 N	982.49
1305005421196	A127	CTG 7.62MM 4 BALL-1	P21	22992200	236600 A	930.54
1315000284865	C305	PROJECTILE AND	P64	2646	234032 M	915.88
1365000253273	K951	AK GAS 105E M1	P67	2126	233860 N	912.05
1305000391051	A744	CTG, 20MM HEI	P67	408318	232741 N	907.69
1320000391971	D272	CHG, PKUP 5738	P72	7390	225828 N	880.70
1365000253273	K951	AK GAS 105E M1	P64	2044	224840 N	876.88
1365008331712	K870	SMK PUT, AM-W712	P71	8445	223792 N	872.82
1320005297347	D487	PROJECTILE, 155	P67	2247	222497 M	867.75
1315000284427	C266	CARTRIDGE, 90 MI	P67	5113	211831 M	826.18
1340000389148	IGIR	118 1	P68	17561	210732 N	821.89
1315003011080	C262	CARTRIDGE, 90 MI	P54	5001	208091 M	811.59
1315000284751	C292	CARTRIDGE, 90 MI	P64	5210	205534 M	801.61
1340007669415	RM	22 O	P68	37033	205533 N	801.61
1315000284431	C262	CARTRIDGE, 90 MI	P67	4924	204687 M	799.03
1305000391051	A744	CTG, 20MM HEI	P64	356141	203000 N	791.70
1325001136003	E506	EMD, GP MK F3-4	P64	216	199300 N	779.22
1315000285006	C708	CARTRIDGE, 4.2 I	P64	8440	199774 M	779.14
1340000AM20249		MHL RKT 5.0 HE	P64	3819	198588 N	774.46

¹USED AVERAGE STORAGE DENSITY OF 7.8 SQ. FT. PER TON AND STORAGE COST AVOIDED

DATE 04/20/77

ECONOMIC EVALUATION OF DEMILITARIZATION
ON-SITE ANALYSIS OF 252 HIGH TONNAGE ITEMS
USING DEC. 1976 INVENTORY
80,000 LBS - OVER

NSM	DDIC	NUMENCLATURE	LEC	QUANTITY (UNITS)	WEIGHT SRV (LBS)	SQ. FT. RELEASED ¹
1340000388357	M922	MHC, RKT 5.00 HE	P67	3829	157767 N	771.26
1340000388345	M900	WRFD 10	P68	6828	197056 N	768.53
1320000284352	D545	PRJ, JECTILE, 155	P67	1923	196146 M	764.95
13050003011642	A562	CTC, 50 INC M1	P68	804320	195449 N	762.22
13150067663712		CTC, 3/70 VT	P67	5172	199553 N	739.28
1361006077174		DC, PRAC, 4.00	P67	7455	166375 N	726.68
1305005557057	A776	CTC, 20MM M96	P67	325200	185364 N	722.90
1351000930619	R740	CASE 25 1	P72	104	182416 N	711.44
13250001024261	E508	80MM, GP 83 4	P64	193	178525 N	696.23
1315005557201	C140	CTC 3/50	P71	6996	174200 N	679.38
1370000778521	L426	FLARE A/C 45-0	P64	5890	173755 N	677.66
1305000284550	A765	CTC, 20MM M95	P67	298580	170190 N	663.78
1340000388362		MHC, RKT 5.00 HE	P64	3203	166972 N	651.22
1301000929996	S505	CASE, DC, LDD 9-4	P64	476	166600 N	649.74
1305000284551	A765	CTC, 20MM M95A1	BAD	208695	165800 A	646.62
1315005557201	C140	CTC 3/50	P72	6558	163294 N	636.87
1315005557201	C140	CTC 3/50	P67	6546	162995 N	635.70
1320000671620		PRGJ 5-A, 5/25	P67	2839	152596 N	595.14
1305000284555	A776	CTC, 20MM M96	P67	271417	151993 N	592.00
1320000394012	D872	PRJ, 16/50 AP	P73	56	151200 N	589.68
1320005297347	D487	PRJ, JECTILE, 155	P64	1512	149718 M	583.91
1320000392037	D274	CHG, PRDP 5/38	P72	4772	146023 N	569.48
1376006720265		TNT, RECLAIMED	P73	144870	144670 M	565.03
13250004091726	E487	80MM, GP 82 1	P68	292	144540 N	563.71
1350004322193	NX77	BULSTER, M21A4	P68	199995	143996 M	561.60
1305000286490	A576	CTC CAL 50 M8	B20	359635	143800 A	560.82
13150004M20122		PRJ, J, 90MM TNT	P68	7147	142940 M	557.47
1320000393748	D643	PRJ, 8/55 BLP/T	P64	546	141960 N	553.64
1320000394076	D839	CHG, PRUP 16/50	P73	421	141035 N	550.06
1315005557391	C136	CTC 3/50	P72	5602	139489 N	543.97
13150055161518		CTC, 3/70 VT	P67	3674	134652 N	525.17
1320000284879	D541	CHG PRDP 155MM	BAD	4375	133400 A	520.26
1310000391304	B559	CTC 40MM HEI-T MK11	B60	18471	133000 A	518.70
1340000286090	M600	RCKET, HEAT, 3.5	P64	14753	132777 M	517.84
1375000285208	M431	CHG DEMO LINEAR	BAD	2389	132600 A	517.14
13050004M20056		PRJ, 20MM SA	P68	503690	131463 N	512.69
1341000388134		TL ASSY, 3-0, 2, 3	P67	13531	127867 N	498.65
13300008924885	G990	GRENADE, RIFLE	P64	81213	126692 M	494.13
1305000284546	A775	CTC, 20MM M97	P67	218282	124420 N	485.24

¹USED AVERAGE STORAGE DENSITY OF 7.0 SQ. FT. PER TON AND STORAGE COST AVOIDED

DATE 04/20/77

ECONOMIC EVALUATION OF DEMILITARIZATION
ON-SITE ANALYSIS LF 252 HIGH-TONNAGE ITEMS
USING DEC. 1976 INVENTORY
80,000 LBS - UVER

NSN	DDIC	ADNENCLATURE	LUC	QUANTITY (UNITS)	WEIGHT SRV (LBS)	SQ. FT. RELEASED ¹
1325000384581	E116	BUNB, DEPTH NK 5	P67	379	124312 N	484.85
131000020325		57MM MIXED	P64	21991	120070 N	468.31
1315000284817	C499	CTC 105MM SHK WP M32	BRD	1600	120000 A	468.00
1320000393680	D631	PRJ, 8/55 MC	P64	469	119412 N	465.74
1315000284432	C273	CARTIDGE, 20 MI	P67	2832	119057 N	464.33
1320000393351	D310	CHG, PRDP 5/54	P64	3458	118056 N	460.43
1305009346878	A793	CTC 20MM LNK.	P67	206670	117801 N	459.42
1305009502658	A847	CTC 20MM LNK	B2D	143752	117600 A	458.64
1320000391971	D272	CHC, PRDP 5/38	P71	3810	116586 N	454.66
1320000393680	D631	PRJ, 8/55 MC	P68	454	115592 N	450.84
1305000284378	A559	CTC 502LANK LNK	P67	884920	112384 N	438.28
1351000761172		MINE 39 O	P67	58	112085 N	437.11
1305000391046	A746	CTC 20MM HEI-DI	P68	194019	110590 N	431.34
13400008063408	H342	RNT NUTLR, JATU	P65	538	110419 N	430.64
1376000628333		TAT, TY 1	P67	110055	110055 N	429.23
1305005557056	A775	CTC 20MM M97	P67	192481	109714 N	427.91
1320000393336	D309	CHC, PRDP 5/54	P64	3140	107199 N	418.08
1361009120458		DEPTH CHARGE, HI	P71	210	105025 N	409.58
1305000286174	A209	CTC CAL 30 AP API	P64	1361150	105025 N	409.58
1340009343875	N937	WRHO 10	B2D	210	104900 A	406.72
1305008922150	A131	CTC 7.62MM FALL TR L	B2D	3561	104729 N	408.41
1305003011645	A216	CTC, 30 BALL M2	B2D	1076174	103600 A	404.04
1305004020055		CTC 20MM MIXED	P64	1806864	102591 M	401.70
1305000391050	A745	CTC 20MM MET	P64	171746	101330 N	395.23
1390000284906	N330	F2 PT DET	P67	175103	99808 N	389.22
1325000384618	F976	FUZE, MK 230-4	B2D	25794	99400 A	387.66
1320000384618	G970	GREEN RIFLE PT M31 W/	P67	6618	95270 N	387.19
1376009084216		H5X-1, GPD B	BKD	12642	96800 A	385.32
1320005297348	D485	PRJ, CTILE, 155	P64	1016	97310 N	379.55
1305000286517	A209	CTC, 30 LINKED	P64	1639168	96794 M	377.52
1340008063408	H342	RNT NUTLR, JATU	P73	464	96710 N	377.21
1315000284864	C800	PROJECTILE AND	P67	1108	95231 N	371.44
1340000388398	H655	RT TY22	P67	1613	94357 M	368.00
1325009305866	F497	CLUSTER, CHM AGT	P67	1990	93532 N	364.81
1340000385277	H436	FRIP GR, RNT	P67	84827	93330 N	364.81
1320008240811		CHC SUPP (A1 CASE)	B08	196614	93309 N	363.87
1315007527574	C280	CARTIDGE, 90 MI	P67	2222	93000 A	362.70
131000	B552	CTC 40MM APT M81	B12	13795	92213 M	359.66
					92000 A	358.60

¹USED AVERAGE STORAGE DENSITY OF 7.8 SQ. FT. PER TON AND STORAGE COST AVOIDED

DATE 04/20/77

ECONOMIC EVALUATION OF DEMILITARIZATION
ON-SITE ANALYSIS OF 252 HIGH TONNAGE ITEMS
USING DEC. 1976 INVENTORY
80,000 LBS - OVER

NSN	DDIC	NOMENCLATURE	LOC	QUANTITY (UNITS)	WEIGHT SKV (LBS)	SQ. FT. RELEASED
1320000394008	D872	PRLJ, 16/50 AP	P73	34	91800 N	358.02
1345000285118	K180	MINE AT M15	BPB	1860	91000 F	354.90
1320000899784	D845	CHG, PRUP 16/50	P68	567	90720 N	353.81
13150006071600		PRLJ, 3/70 VT	P64	6048	90720 N	353.81
1305000284544	A775	CTC, 20MM M97	P67	158505	90347 N	352.33
1340000077171		MC, 3.25 HE 2-0	P67	5693	90280 N	352.09
1340000930469	H653	RT TY21	P63	1698	89637 N	349.60
137600005849	053A	6/47 SPC	P63	8632	88632 N	345.70
1320005602085	D235	PRLJ, 5/38 MC	P67	1661	88564 N	345.38
1325009187053	F837	FUZE, MK 344-0	P65	19531	86587 N	337.56
1320000394038	D881	PRLJ, 16/50 BLPT	P64	32	86400 N	336.96
1305003050908	A230	CTC, 30 TRA M25	P68	1526730	85499 M	333.45
1330000285825	G800	ADPTR, GREN, M1A1	P69	224286	85228 M	332.36
1320000393806	D608	CHG, PRUP 8/55	P68	1813	95211 N	332.36
1315000284821	C500	CTC 105MM HT/RR	B4D	1464	85000 A	331.50
1340000388344	M915	MKPD 7	P68	4216	83940 N	327.37
1305004494068	A131	CTG 7.62MM BALL TR	BRD	862484	83000 A	323.70
1325005407629	E48C	BURB, GP MK R2-1	P68	162	80190 N	312.78

TOTAL SPACE RELEASED = 692,900.75 SQ. FT.

USED AVERAGE STORAGE DENSITY OF 7.8 SQ. FT. PER TON AND STORAGE COST AVOIDED

**ECONOMIC ANALYSIS
FOR
DEMILITARIZATION AND DISPOSAL**

APPENDIX B

**LEAST-COST ANALYSIS
(50-YR AND 5-YR TIME LIMIT)
DETAILED OUTPUT**

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APPENDIX B

LEAST-COST ANALYSIS

(50-YR AND 5-YR TIME LIMIT)

DETAILED OUTPUT

APPENDIX B

PART 1

TERMS AND CODES

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TERMS AND CODES

ALLOCATION QUANTITY - the number of items demilled

DEMIL METHOD - the least-cost method of demil

DODIC - a computer generated alphanumeric code used instead of the Department of Defense Identification Code

INV ORIG - the inventory origin or location of the item

CR - Crane

MC - McAlester

SN - Seneca

EA - Earle

NV - Navajo

SR - Sierra

FW - Fort Wingate

PU - Pueblo

SV - Savanna

HA - Hawthorne

RR - Red River

TE - Tooele

KE - Keyport

SB - Seal Beach

YT - Yorktown

LK - Letterkenny

NET DIRECT COST - process cost plus transportation cost minus reclamation value

NOMENCLATURE - self explanatory

NUMBER OF SHIFTS - the number of 8-hr shifts required for demilitarization

PROCESS COST - the demil processing cost of the allocated quantity

RECLAMATION VALUE - the value of the reclaimed materials

TONNAGE - total weight (in tons) of the allocated quantity

TOTAL - the total of the column directly above, i.e, NET COST, TRANSPORTATION COST, PROCESS COST, and RECLAMATION VALUE

TOTAL NO. OF SHIFTS BY METHOD - the four values represent the total number of 8-hr shifts for demil by furnace, detonation, washout, and burning, respectively

TOTAL TONNAGE BY DEMIL METHOD - the four values represent the total weight (in tons) of all items demilled by furnace, washout, detonation, and burning, respectively

TRANSPORTATION COST - the cost to transport the allocated quantity to the demil location from the INV ORIG using 9.5¢ per ton/mile

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APPENDIX B

PART 2

LEAST-COST ANALYSIS, 50-YR TIME LIMIT

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DENIL ALLOCATION AND ACTIVITY COST DATA

DENIL LOCATION IS ANNISTON ARMY DEPUT

DATE: 04/19/77

DDIC	NUMENCLATURE	TUNNAGE	NUMBER OF SHIFTS	DENIL METHOD	ALLOCATION INV	NET DIRECT COST	TRANSPORTATION COST	PROCESS COST	RECLAMATION VALUE
X145	EM3, SAP 25941	571.50	25.00	WASHUT (B)	1125	-28770.00	25626.00	45504.00	59500.00
X150	EM3, GP 83	89.20	4.39	CELESTATION (C)	193	+7995.00	4003.00	3992.00	0.00
X151	EM3, GP 83-4	99.90	4.91	CELESTATION (C)	216	+8948.00	4480.00	4468.00	0.00
X116	EM3, GP 83-5	42.61	1.21	BURNING (D)	1513	+4402.00	2756.00	1650.00	4.00
X252	EM3, GP 83-6	69.15	3.19	BURNING (D)	2539	+1528.00	0.00	2899.00	1371.00
X107	EM3, GP 155	66.70	6.75	BURNING (D)	4375	+7350.00	0.00	7963.00	613.00
X215	EM3, GP 155-4	274.90	3.94	BURNING (D)	11040	+24506.00	20918.00	3588.00	0.00
X174	EM3, GP 155-5	315.19	5.91	BURNING (D)	3485	+9026.00	11348.00	5291.00	7613.00
X173	EM3, GP 155-6	137.06	7.53	BURNING (D)	4387	+5506.00	8836.00	6672.00	9600.00

TOTAL TUNNAGE BY DENIL METHOD =	.00	139.16	965.65	TOTAL	\$77967.00	TOTAL	\$82027.00	TOTAL	\$119101.00
TOTAL NO. OF SHIFTS BY METHOD =	.00	9.30	30.23						

DATE: 04/19/77

DEMIL LOCATION IS LETTERKENNY

DUODIC	NUMENCLATURE	TONNAGE	NUMBER	DEMIL	QUANTITY	NET DIRECT	TRANSPORTATION	PROCESS	RECLAMATION
			OF	METHOD	OKIC	COST	COST	COST	VALUE
			SHIFTS						
KX224	CASE 25 1	51.21	2.21	WASHCUT (B)	104	Y	2469.00	4931.00	1048.00
KX208	RKT NOTER/JATE	55.21	0.05	BURNING (D)	538	EA	1065.00	72.00	775.00
XIC9	CHG,PROP 5/30	73.01	2.39	BURNING (D)	4772	Y	1977.00	2546.00	0.00
KX08	CHG,PROP 5/30	112.91	3.69	BURNING (D)	7360	Y	3057.00	3937.00	0.00

TOTAL TONNAGE BY DEMIL METHOD =

50

03.

TOTAL

TOTAL

TOTAL

TOTAL
\$1823.00

TOTAL NO. OF SHIFTS BY METHOD =

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DEMIL ALLOCATION AND ACTIVITY COST DATA

DEMIL LOCATION IS RED RIVER

DATE: 04/19/77

DUPLICATE	NUMERATURE	TUNAGE	OF SHIFTS	NUMBER	DEMIL METHOD	ALLOCATION	INV	NET DIRECT	TRANSPORTATION	PROCESS	RECLAMATION
						QUANTITY	CRIG	COST	COST	COST	VALUE
X170	ADPTR, GREEN, 1A1	42.61	0.23	0.23	FURNACE(A)	224256	MC	-144.00	919.00	489.00	1552.00
X180	CTG, 50, 100, 1A1	36.52	4.15	4.15	FURNACE(A)	304320	MC	-11922.00	2081.00	9716.00	23719.00
X184	CTG, 7, 62, 1A1	43.13	0.90	0.90	FURNACE(A)	262084	RR	-345159.00	0.00	1881.00	347040.00
X154	CTG, 6, 1A1	72.27	0.49	0.49	WASHUT(B)	292	MC	-1836.00	1559.00	12043.00	15237.00
X228	CASE, 50, 0	219.45	19.00	19.00	WASHUT(B)	450	MC	-18315.00	4732.00	33060.00	56107.00
X224	CASE, 25, 1	2029.20	52.16	52.16	WASHUT(B)	2348	MC	+117581.00	44407.00	96842.00	23668.00
X213	CTG, 10	52.34	4.45	4.45	WASHUT(B)	3561	MC	-690.00	1129.00	7745.00	9764.00
X153	CTG, 10, 1A1	1440.94	129.38	129.38	WASHUT(B)	5822	MC	-25374.00	31074.00	240125.00	296573.00
X186	CTG, 12	144.07	10.39	10.39	WASHUT(B)	8715	MC	-6632.00	3120.00	18955.00	28707.00
X180	CTG, 10, 1A1	213.00	10.14	10.14	WASHUT(B)	9130	MC	-108132.00	4593.00	17651.00	130376.00
X185	CTG, 10	421.03	34.17	34.17	WASHUT(B)	27334	MC	-6407.00	9092.00	59451.00	74950.00
X184	CTG, 10	397.47	34.43	34.43	WASHUT(B)	27545	MC	-7046.00	8572.00	59910.00	75528.00
X187	CTG, 12	905.45	60.18	60.18	WASHUT(B)	54545	MC	-41510.00	19526.00	118635.00	179671.00
X071	CTG, 105MM, 1A1	60.30	0.40	0.40	BURNING(D)	1600	RR	-2099.00	0.00	557.00	2656.00
X182	CTG, 7	61.97	1.05	1.05	BURNING(D)	4216	MC	+1082.00	905.00	1467.00	1290.00
X127	CTG, 6/47, 1A1	311.41	4.79	4.79	BURNING(D)	4791	MC	+2483.00	6716.00	8336.00	12569.00
X093	CTG, 3/70, 1A1	45.36	1.01	1.01	BURNING(D)	6048	MC	+3165.00	2568.00	1754.00	1157.00
X058	CTG, 90MM, 1A1	71.47	1.19	1.19	BURNING(D)	7147	MC	-19971.00	1541.00	2073.00	23585.00
X133	CTG, 6/47, 1A1	414.19	7.92	7.92	BURNING(D)	7921	MC	+1934.00	8932.00	13783.00	20781.00
X175	CTG, 5.0, 1A1	140.00	2.43	2.43	BURNING(D)	9706	MC	-241.00	3020.00	3378.00	6639.00
X177	CTG, 5.0, 1A1	66.39	2.46	2.46	BURNING(D)	14753	CR	+4617.00	3759.00	4278.00	3220.00
X191	CTG, 6	218.17	5.12	5.12	BURNING(D)	20435	MC	+4628.00	4705.00	7129.00	7006.00
X214	CTG, 7	215.76	5.14	5.14	BURNING(D)	20549	MC	+5146.00	4653.00	7151.00	6658.00
X092	CTG, 3/70, 1A1	254.71	5.66	5.66	BURNING(D)	33962	CR	+17773.00	14422.00	9849.00	6498.00
X076	CTG, 3/50, 1A1	445.93	11.37	11.37	BURNING(D)	69237	CR	-22214.00	25248.00	19789.00	267851.00
X200	CTG, 5.0, 1A1	325.87	12.12	12.12	BURNING(D)	72740	CR	+25071.00	18451.00	21095.00	15875.00
X177	CTG, 5.0, 1A1	1065.95	39.45	39.45	BURNING(D)	23678	MC	+39352.00	22968.00	68637.00	51653.00

TOTAL TONNAGE BY DEMIL METHOD =	182.26	.00	TOTAL	TOTAL	TOTAL	TOTAL
TOTAL NO. OF SHIFTS BY METHOD =	5.32	.00	3676.34	\$595860.00-	\$248692.00	\$845779.00 \$1690330.00
			100.11			

DEMIL ALLOCATION AND ACTIVITY COST DATA

PAGE 5

DEMIL LOCATION IS TROFLE ARMY DEPOT

DATE: 04/19/77

ODDID	NUMERATURE	TONNAGE	NUMBER OF SHIFTS	DEMIL METHOD	ALLOCATION INVT	QUANTITY	UNIT	NET DIRECT COST	TRANSPORTATION COST	PROCESS COST	RECLAMATION VALUE
X222	CASE 18 O	421.35	10.59	WASHOUT(B)	490	HA		-119348.00	21563.00	22435.00	163346.00
X073	PROJECTILE A/D	47.10	1.23	WASHOUT(B)	1108	HA		-11080.00	2205.00	2537.00	15822.00
X063	CARTIDGE, 90 MI	105.92	2.05	WASHOUT(B)	5113	HA		-11569.00	4951.00	3371.00	19890.00
X101	PROJECTILE A/D	656.71	17.14	WASHOUT(B)	15423	HA		-154237.00	30695.00	35308.00	220240.00
X096	PROJECTILE A/D	534.49	22.40	WASHOUT(B)	20342	HA		-217546.00	24982.00	46570.00	289098.00
X252	CHG DEMO LINEAR	251.85	8.28	WASHOUT(B)	8698	TE		-4110.00	0.00	9103.00	4993.00
X260	TNT, RECLAIMED	72.42	1.45	WASHOUT(B)	144870	KE		-6969.00	6578.00	1991.00	0.00
X260	TNT, RECLAIMED	116.06	23.72	WASHOUT(B)	2372163	HA		-88031.00	55437.00	32594.00	0.00
X064	CARTIDGE, 90 MI	102.44	0.92	BURNING(D)	4924	HA		-1591.00	4788.00	902.00	4099.00
X203	KG, 3-25 FE 2-0	45.14	0.58	BURNING(D)	5893	HA		-1903.00	2110.00	1079.00	1286.00
X240	CC, PREC, 4-00	93.19	1.26	BURNING(D)	7455	HA		-6404.00	4356.00	2048.00	0.00
X232	TL ASSY, 3-0, 4-3	63.33	0.90	BURNING(D)	13531	HA		-4227.00	2988.00	1239.00	0.00
X159	WHD, 8RT 5.00, 4E	1919.47	18.58	BURNING(D)	74326	HA		-59297.00	89716.00	20419.00	50838.00
X178	KICKCT, PRACTICE	341.35	12.70	BURNING(D)	76195	HA		-13281.00	15955.00	13955.00	16629.00
X180	PROP WP, RNT	46.95	21.21	BURNING(D)	84827	HA		-22592.00	2181.00	23304.00	108077.00
X177	ROCKET, HEAT, 3-5	678.42	25.13	BURNING(D)	150761	HA		-26420.00	31710.00	27612.00	32902.00

TOTAL TONNAGE BY DEMIL METHOD =	.00	1805.63	1510.40	3290.59	TOTAL	\$30615.00	TOTAL	\$244467.00	TOTAL	\$927220.00
TOTAL NO. OF SHIFTS BY METHOD =	.00	53.91	33.45	82.18						

DEMIL ALLOCATION, AND ACTIVITY COST DATA

DATE: 04/19/77

DEMIL LOCATION IS SAVANNA ARMY DEPUT

DDIC	ALLOCATION	NUMBER	TONNAGE	DEMIL METHOD	QUANTITY	NET DIRECT	TRANSPORTATION	PROCESS	RECLAMATION
		OF SHIFTS				COST	COST	COST	VALUE
X045	CTG 40MM	PT H51	46.01	3.83	BURNING(D)	13795	SV	0.00	5238.00
						-13799.00			19037.00

TOTAL TONNAGE BY DEMIL METHOD =	TOTAL	TOTAL	TOTAL	TOTAL
	.00	46.01	\$13799.00	\$0.00
TOTAL NO. OF SHIFTS BY METHOD =	.00	3.83		\$5238.00
				\$19037.00

DEMIL ALLOCATION AND ACTIVITY COST DATA

DATE: 04/19/77

DEMIL LOCATION IS SIERRA ARMY DEPOT

DDOIC	A. DESCRIPTION	TURNAGE	NUMBER OF SHIFTS	DEMIL METHOD	ALLOCATION QUANTITY	INVENTORY ORIGIN	NET DIRECT COST	TRANSPORTATION COST	PROCESS COST	RECLAMATION VALUE
X020	CTG CAL 50 M5	71.97	3.27	FURNACE (A)	359235	SR	-18518.00	0.00	6491.00	25009.00
X017	CTG DOBLANK LNK	57.52	8.04	FURNACE (A)	684920	HA	-47428.00	765.00	15964.00	64157.00
X219	NINE	56.04	0.41	DETUNATION (C)	58	HA	+1978.00	745.00	1233.00	0.00
X229	CASE	151.25	1.10	DETUNATION (C)	338	HA	+5278.00	2012.00	3266.00	0.00
X230	MOHEX	241.25	2.79	DETUNATION (C)	391	HA	+11521.00	3209.00	8312.00	0.00
X226	CASE	540.13	4.23	DETUNATION (C)	606	HA	+20075.00	7193.00	12882.00	0.00
X220	PINE	965.28	7.14	DETUNATION (C)	999	HA	+34074.00	12838.00	21236.00	0.00
X221	CASE	233.76	7.31	DETUNATION (C)	1023	HA	+19239.00	3109.00	21746.00	5616.00
X095	CTG 5/70 VT	67.31	0.26	DETUNATION (C)	3674	HA	+1676.00	895.00	781.00	0.00
X097	CTG 5/70 VT	94.71	0.37	DETUNATION (C)	5172	HA	+2360.00	1261.00	1099.00	0.00
X102	CARTIDGE, 100 M	154.23	3.50	DETUNATION (C)	7497	HA	+11362.00	2051.00	10412.00	1101.00
X208	RKT 20103 JATO	47.62	0.04	BURNING (D)	464	HA	+11.00	633.00	46.00	668.00
X248	SMK PCT, AN-M772	111.70	1.69	BURNING (D)	8445	SB	+7777.00	5017.00	3351.00	591.00
X111	CAL, PSCP 5/54	260.95	3.29	BURNING (D)	16461	HA	-94631.00	3737.00	9798.00	108366.00

TOTAL TONNAGE BY DEMIL METHOD =	129.49	2504.77	440.51	TOTAL	\$43426.00-	TOTAL	\$116617.00	TOTAL	\$205508.00
TOTAL NO. OF SHIFTS BY METHOD =	11.31	27.21	5.00						

DEMIL ALLOCATION AND ACTIVITY COST DATA

PAGE 8

DEMIL LOCATION IS NAVAJO ARMY DEPOT

DATE: 04/19/77

DDOIC	NOMENCLATURE	TONNAGE	NO. OF SHIFTS	DEMIL METHOD	QUANTITY	NET DIRECT COST	TRANSPORTATION COST	PROCESS COST	RECLAMATION VALUE
X241	LEPTO CHARGE, HI	52.51	1.75	WASHCUT(13)	210	-8672.00	2674.00	3688.00	15034.00
X052	CTG 50MM F71	442.55	12.67	WASHCUT(2)	14161	-21177.00	0.00	33909.00	55086.00
X108	CRG, PRUP 5/3	50.25	0.51	BURNING(1)	3810	+3860.00	2968.00	892.00	0.00

TOTAL TONNAGE BY DEMIL METHOD =	.00	58.29	TOTAL	TOTAL	TOTAL	TOTAL	TOTAL	TOTAL	TOTAL
TOTAL NO. OF SHIFTS BY METHOD =	.00	.51	\$25989.00-	\$5642.00	\$38489.00	\$70120.00			

DEMIL ALLOCATION AND ACTIVITY COST DATA

DEMIL LOCATION IS LEXINGTON BLUEGRASS

DATE: 04/19/77

DDIC	NOMENCLATURE	TUNNAGE	NUMBER OF SHIFTS	DEMIL METHOD	QUANTITY	INVT	NET DIRECT COST	TRANSPORTATION COST	PROCESS COST	RECLAMATION VALUE
X241	DEPTH CHARGE, MI	52.51	1.75	WASHCUT(B)	210	CR	-11741.00	963.00	2330.00	15034.00
X228	CASE 50 0	165.43	10.92	WASHCUT(B)	846	CR	-16220.00	3583.00	28162.00	49965.00
X130	PROJECTILE, 155	48.40	1.69	WASHCUT(B)	1016	CR	-1107.00	887.00	2818.00	1898.00
X224	CASE 25 1	944.52	23.93	WASHCUT(B)	1077	CR	-48752.00	17318.00	42490.00	10856.00
X226	CASE 39 0	1016.56	25.31	WASHCUT(B)	1139	CR	-63575.00	18639.00	44936.00	0.00
X074	PROJECTILE, 155	117.42	2.94	WASHCUT(B)	2246	CR	-35468.00	2153.00	4893.00	42514.00
X176	HD RPT 5.0 HE	35.25	4.77	WASHCUT(B)	3819	CR	-11592.00	1821.00	7945.00	21358.00
X081	CARTIDGE, 90 MI	104.03	4.55	WASHCUT(B)	5001	CR	-5312.00	1908.00	7567.00	4163.00
X070	CARTIDGE, 90 MI	102.77	4.74	WASHCUT(B)	5210	CR	-4745.00	1884.00	7883.00	15512.00
X155	20X GP 52 2	185.94	185.55	WASHCUT(B)	7422	CR	-44766.00	33680.00	308829.00	387295.00
X069	CARTIDGE, 90 MI	225.52	9.81	WASHCUT(B)	10793	CR	-11704.00	4099.00	16331.00	32134.00
X110	PROJ, 5/39 VT	490.86	19.97	WASHCUT(B)	17977	CR	-26358.00	9000.00	32603.00	62603.00
X096	PROJECTILE, 155	553.14	23.39	WASHCUT(B)	21052	CR	-250115.00	10142.00	38932.00	299189.00
X053	CTG 105MM HE M323	910.23	24.83	WASHCUT(B)	24834	LX	-141196.00	0.00	41334.00	182530.00
X126	CHG, PRCP 16/50	45.36	0.00	BURNING(D)	567	MC	-3516.00	3516.00	0.00	0.00
X111	CHG, PRCP 5/54	33.66	0.63	BURNING(D)	3140	CR	-18991.00	583.00	697.00	20671.00
X112	CHG, PRCP 5/54	59.93	0.69	BURNING(D)	3458	CR	-20916.00	1082.00	767.00	22765.00
X054	CTG 105MM SMK WP M	285.00	4.52	BURNING(D)	7650	LX	-9240.00	0.00	3509.00	12749.00
X251	MARKER 58 0	276.32	8.57	BURNING(D)	42842	CR	-9636.00	5067.00	9507.00	4738.00

TOTAL TONNAGE BY DEMIL METHOD =	.00	6485.71	.00	722.32	TOTAL	\$467074.00-	TOTAL	\$116725.00	TOTAL	\$602175.00	TOTAL	\$1185974.00
TOTAL NO. OF SHIFTS BY METHOD =	.00	350.15	.00	14.41								

DEMIL ALLOCATION AND ACTIVITY COST DATA

DEMIL LOCATION IS CRANE MAD

DATE: 04/19/77

QUOIC	NUMENCLATURE	TONNAGE	SEF	SHIFTS	DEMIL METHOD	ALLCATION	INVT	NET	DIRECT	TRANSPORTATION	PROCESS	RECLAMATION
						QUANTITY	CURIC		COST	COST	COST	VALUE
X169	GREN RIFLE HT N31	49.42	0.11	0.11	FURNACE(A)	12642	LK	+	3551.00	3386.00	165.00	0.00
X201	F2,VT M402 A1	103.77	40.44	40.44	FURNACE(A)	121309	CR	-	36150.00	0.00	6187.00	42337.00
X006	CTG 20MM MIXED	50.67	7.81	7.81	FURNACE(A)	171746	CR	-	7100.00	0.00	10957.00	18057.00
X011	CTG 20MM AP-T X95	62.61	11.53	11.53	FURNACE(A)	208695	AN	-	44630.00	2807.00	918.00	48355.00
X264	FUZE	100.15	32.64	32.64	FURNACE(A)	320389	CR	+	40182.00	0.00	40882.00	0.00
X025	CTG 20MM F31	101.50	16.19	16.19	FURNACE(A)	356141	CR	-	14723.00	0.00	22722.00	37445.00
X024	CTG 20MM NET	141.03	30.47	30.47	FURNACE(A)	670282	CR	-	27709.00	0.00	42764.00	70473.00
X031	CTG 30 BALL M2	54.21	13.07	13.07	FURNACE(A)	1806864	CR	-	10660.00	0.00	1265.00	11925.00
X028	CTG 20MM RE	1080.43	172.22	172.22	FURNACE(A)	3791052	CR	-	156722.00	0.00	241869.00	398591.00
X158	BUM3,6P MK 82-1	40.79	13.50	13.50	WASHUT(B)	162	MC	-	5042.00	2499.00	912.00	8453.00
X239	CASE,EC 7 C	135.38	8.27	8.27	WASHUT(B)	376	CR	-	48176.00	0.00	520.00	48896.00
X237	CASE,EC, LDD 9-4	83.30	7.53	7.53	WASHUT(B)	476	CR	-	658.00	0.00	658.00	0.00
X115	PRJ,EC/55 BLP/T	70.43	1.56	1.56	WASHUT(B)	546	CR	-	7144.00	0.00	420.00	7564.00
X072	CTG 105MM HT/RR	42.50	2.44	2.44	WASHUT(B)	1424	SA	-	2557.00	2709.00	739.00	5505.00
X162	BGM,GP, MK 82-1	759.08	255.58	255.58	WASHUT(B)	3067	CR	-	142772.00	0.00	17270.00	160042.00
X237	CASE,EC, LDD 9-4	799.24	78.12	78.12	WASHUT(B)	4567	MC	+	56124.00	49808.00	6316.00	0.00
X147	BUM5,DEPTH MK 5	798.84	405.52	405.52	WASHUT(B)	4671	CR	-	279006.00	0.00	27429.00	306435.00
X086	PRJ,CHG 120MM	329.61	14.58	14.58	WASHUT(B)	5993	CR	-	82883.00	0.00	2697.00	85580.00
X082	PRJ,CHG 120MM	343.39	16.00	16.00	WASHUT(B)	6400	CR	-	88512.00	0.00	2880.00	91392.00
X097	PRJ,CHG 120MM	505.32	22.59	22.59	WASHUT(B)	9147	CR	-	127194.00	0.00	4139.00	131333.00
X094	PRJ,CHG 120MM	776.70	36.68	36.68	WASHUT(B)	14670	CR	-	202886.00	0.00	6602.00	209488.00
X238	CC,ME,7.2 MK4	604.72	323.57	323.57	WASHUT(B)	19438	CR	-	120920.00	0.00	23699.00	144619.00
X129	PROJECTILE 155	74.86	5.02	5.02	DETUNATION(C)	1512	CR	+	4630.00	0.00	4630.00	0.00
X129	PROJECTILE 155	674.13	27.23	27.23	DETUNATION(C)	13616	MC	+	83710.00	42012.00	41698.00	0.00
X046	57MM MIXED	60.04	0.80	0.80	DETUNATION(C)	21691	CR	+	2123.00	0.00	2133.00	0.00
X179	ROCKET, SAKNE, 3.	177.45	180.95	180.95	DETUNATION(C)	39610	CF	+	22449.00	0.00	22657.00	208.00
X122	PRJ,16/50 BLPT	43.20	0.84	0.84	BURNING(D)	32	CR	-	1399.00	0.00	817.00	2216.00
X244	WAR GAS 105E M1	112.42	5.18	5.18	BURNING(D)	2044	CR	+	2364.00	0.00	2064.00	0.00
X244	WAR GAS 105E M1	134.40	10.14	10.14	BURNING(D)	2536	MC	+	11253.00	8692.00	2561.00	0.00
X055	CTG 105MM HT M341	207.01	12.51	12.51	BURNING(D)	9236	LA	+	1462.00	4910.00	3279.00	6927.00
X259	COMP B, RECLM	202.80	8.62	8.62	BURNING(D)	405600	CR	+	13502.00	0.00	13502.00	0.00
X249	RIDY CTL ACT	222.04	1781.12	1781.12	BURNING(D)	445280	AN	+	459716.00	9983.00	449733.00	0.00

TOTAL TONNAGE BY DEMIL METHOD =	1913.86	986.48	TOTAL	TOTAL	TOTAL	TOTAL
TOTAL NO. OF SHIFTS BY METHOD =	329.38	219.10	988.34	\$703751.00-	\$126806.00	\$1005084.00
		1183.94	1821.21			\$1835641.00

DEMIL ALLOCATION AND ACTIVITY COST DATA

DEMIL LOCATION IS HAWTHORNE

DATE: 04/19/77

DUPLICATE	ALLOCATION	NUMBER	QUANTITY	DEMIL	NET DIRECT	TRANSPORTATION	PROCESS	RECLAMATION
					COST	COST	COST	VALUE
X227	BATT COMP/STALCO	100.00	184	FURNACE(A)	-593.00	0.00	1.00	994.00
X148	FUZE/TK 230-4	49.63	618	FURNACE(A)	-1408.00	0.00	350.00	14758.00
X262	FZ PT DET	49.63	25794	SR	-7646.00	660.00	77.00	8383.00
X044	CTG 200MM LK	56.78	148752	SR	-36332.00	781.00	298.00	37611.00
X037	CTG 200MM M7	54.30	192481	HA	-19652.00	0.00	385.00	20237.00
X009	CTG 200MM M97	62.21	218282	HA	-22513.00	0.00	437.00	22950.00
X010	CTG 200MM M95	85.10	298580	HA	-34468.00	0.00	597.00	35065.00
X038	CTG 200MM M76	62.00	325200	HA	-40816.00	0.00	650.00	41466.00
X041	CTG 7.62" BALL TR	53.81	1076174	SR	-20657.00	716.00	1722.00	23095.00
X029	CTG 200MM M76	304.15	1036404	HA	-136354.00	0.00	2173.00	138527.00
X036	CTG 200MM M76	212.40	1133650	SR	-77265.00	3091.00	1814.00	82190.00
X011	CTG 200MM M76	390.09	1323203	HA	-503960.00	0.00	2647.00	306607.00
X013	CTG 200MM M96	1873.70	6691945	HA	-639512.00	0.00	13384.00	853996.00
X031	CTG 200MM M76	210.10	7005500	HA	-35027.00	0.00	11209.00	46236.00
X147	CTG 200MM M76	270.34	1665	HA	-96567.00	0.00	9436.00	106003.00
X212	CTG 200MM M76	44.32	1698	MC	+1547.00	5642.00	1051.00	5146.00
X105	PROJECTILE A155	98.07	1923	HA	-2914.00	0.00	8045.00	10959.00
X095	CARTIDGE 90 M1	46.11	2225	HA	-7406.00	0.00	1238.00	8644.00
X157	BOMB GP, "K 82-1	680.13	2748	MC	-48813.00	85611.00	8972.00	143596.00
X103	PROJECTILE A10	168.00	3414	HA	-46250.00	0.00	1902.00	48752.00
X190	PROJECTILE A10 HE	98.38	3829	HA	-2983.00	0.00	12494.00	9511.00
X084	PROJECTILE A10	307.87	5738	HA	-78743.00	0.00	3196.00	81939.00
X086	PROJECTILE A10	347.30	6316	HA	-86674.00	0.00	3518.00	90192.00
X183	PROJECTILE A10	38.53	6828	MC	-4758.00	12402.00	1562.00	18722.00
X083	PROJECTILE A10	306.20	9070	HA	-124468.00	0.00	5052.00	129520.00
X236	CASHE/CC/LUC 8-0	1521.83	9517	HA	-509721.00	0.00	203386.00	713107.00
X238	DC/HE/7.2 M24	461.83	14845	HA	-100352.00	0.00	10095.00	110447.00
X233	HE/CC/8K 4-0.3	466.54	15085	HA	-107948.00	0.00	10258.00	118206.00
X181	PROJECTILE A10 HE	396.73	15706	HA	-35420.00	0.00	3594.00	39014.00
X044	PROJECTILE A10 HE	940.20	17758	HA	-243053.00	0.00	9891.00	253584.00
X205	PROJECTILE A10 HE	273.78	18112	MC	-11259.00	34460.00	4144.00	49663.00
X087	PROJECTILE A10 HE	1177.75	21778	HA	-298660.00	0.00	12130.00	310990.00
X188	PROJECTILE A10 HE	631.02	24454	HA	+1951.00	0.00	79794.00	60743.00
X200	PROJECTILE A10 HE	246.40	55014	HA	+3123.00	0.00	15129.00	12006.00
X141	PROJECTILE A155	3870.23	81923	HA	-131782.00	0.00	21110.00	152892.00
X223	CASE 25 1	403.42	460	HA	+13342.00	0.00	13342.00	0.00
X152	DISP/CCU-C5/E	216.50	525	CR	+35812.00	38102.00	2855.00	5145.00
X149	DISP/CCU-C5/E	420.75	1122	HA	-6889.00	0.00	6102.00	12791.00
X216	TIME AT A15	45.50	1860	PU	+2523.00	2356.00	167.00	0.00
X129	PROJECTILE A155	111.25	2247	HA	+3402.00	0.00	3802.00	0.00
X149	DISP/CCU-C5/E	1035.75	2762	MC	+113909.00	130375.00	15021.00	31487.00

DEMIL LOCATION IS HAWTHORNE

TOTAL TONNAGE BY DEMIL METHOD =	3714.62	12499.62	7861.94	TOTAL	TOTAL
TOTAL NO. OF SHIFTS BY METHOD =	455.19	203.25	5696.93	\$2984252.00-	\$333117.00
		423.62	426.50		\$948472.00
					\$4265841.00

DEMIL ALLOCATION AND ACTIVITY CUST DATA

DATE: 04/19/77

DEMIL LOCATION IS MCALESTER

DDIC	N. MENCLATURE	TONNAGE	NO. OF SHIFTS	DEMIL METHOD	ALLOCATION	QTY	INVT	VEI	DIRECT	TRANSPORTATION	PROCESS	RECLAMATION
X198	IGNR 118 1	105.27	0.47	FURNACE(A)	17561	MC			538.00	0.00	696.00	158.00
X199	IGNR 118 2	159.77	0.49	FURNACE(A)	33295	MC			1019.00	0.00	1319.00	300.00
X197	IGNR 117 2	531.62	2.50	FURNACE(A)	96236	MC			2968.00	0.00	3840.00	872.00
X210	IGNR 120	736.23	3.27	FURNACE(A)	122705	MC			3756.00	0.00	4860.00	1104.00
X018	CTG-30 TR M17	149.16	19.08	FURNACE(A)	1193450	MC			35291.00	0.00	119.00	35410.00
X032	CTG-30 TPA M25	45.50	15.27	FURNACE(A)	1526780	MC			9542.00	0.00	1069.00	10611.00
X015	CTG-50 AP M2	1273.26	141.58	FURNACE(A)	9632760	MC			824469.00	0.00	983.00	825952.00
X114	PRJ-8/55 HC	57.80	1.31	WASHUT(B)	454	MC			4291.00	0.00	1998.00	6289.00
X114	PRJ-8/55 HC	59.71	1.50	WASHUT(B)	469	MC			712.00	3721.00	2064.00	6497.00
X125	PRJ-5 AY, R/55	125.41	3.25	WASHUT(B)	976	MC			9226.00	0.00	4295.00	13521.00
X135	PRJ-6/47 AP	130.91	2.52	WASHUT(B)	2014	MC			4253.00	0.00	1031.00	5284.00
X132	PRJ-6/47 AP	133.44	2.57	WASHUT(B)	2053	MC			4335.00	0.00	1051.00	5386.00
X134	PRJ-6/47 AP	146.36	2.82	WASHUT(B)	2252	MC			4755.00	0.00	1153.00	5908.00
X192	WHEAT 5.00 HE	63.49	4.00	WASHUT(B)	3203	MC			5176.00	5203.00	7929.00	7956.00
X131	PRJ-6/47 AP	210.03	4.04	WASHUT(B)	3232	MC			6824.00	0.00	1655.00	8479.00
X084	PRJ-CHG 120M	153.25	3.13	WASHUT(B)	3439	MC			3336.00	9553.00	6192.00	49109.00
X090	CTG 3/50	69.74	3.73	WASHUT(B)	5002	MC			17973.00	8567.00	7396.00	33836.00
X089	CTG 3/50	61.55	4.27	WASHUT(B)	6558	MC			20322.00	10029.00	9126.00	20579.00
X069	CART-IDGE 90 NI	143.11	4.61	WASHUT(B)	6912	MC			11453.00	0.00	12576.00	99746.00
X101	PROJECTILE AND	297.42	6.35	WASHUT(B)	7806	MC			53618.00	43798.00	14054.00	111470.00
X084	PRJ-CHG 120M	347.95	7.10	WASHUT(B)	10828	MC			149080.00	0.00	5544.00	154624.00
X083	PROJECTILE AND	461.06	13.54	WASHUT(B)	11328	MC			140557.00	0.00	20395.00	160992.00
X096	PROJECTILE AND	257.84	13.15	WASHUT(B)	14468	MC			190554.00	0.00	26049.00	206603.00
X061	PRJ-5A, 120MM	37.54	2.31	WASHUT(B)	18471	MC			14558.00	1434.00	4573.00	20555.00
X047	CTG 40MM HEI-T MK1	66.50	2.60	WASHUT(B)	19650	MC			26697.00	0.00	10076.00	36773.00
X128	PROJECTILE, 155	930.90	24.00	WASHUT(B)	96205	MC			247216.00	0.00	127021.00	374237.00
X057	PRJ-90MM HE A3	982.05	64.14	WASHUT(B)	5450	MC			3410.00	3464.00	1777.00	1831.00
X106	CHG PROP 3 1/2 M2	180.61	28.54	BURNING(D)	7828	MC			4383.00	4661.00	3766.00	4084.00
X098	CTG 40MM M431 HT-T	210.12	10.31	BURNING(D)	37033	MC			11116.00	0.00	1274.00	150.00
X207	SM 22 0	102.77	1.54	BURNING(D)	81213	MC			8009.00	3948.00	4061.00	0.00
X171	GRENADE, RIFLE	63.35	1.21	BURNING(D)	8852	MC			213.00	0.00	213.00	0.00
X253	6/47 SPO	44.32	3.69	BURNING(D)	105606	MC			-1715.00	0.00	21332.00	23047.00
X178	KUCKET, PRACTICE	473.11	88.01	BURNING(D)	275000	MC			141202.00	0.00	141202.00	0.00
X209	PROP CR 18 0	3300.00	122.22	BURNING(D)								

TOTAL TONNAGE BY DEMIL METHOD = 3095.23

.00

5096.65

TOTAL

TOTAL

TOTAL

TOTAL

TOTAL NO. OF SHIFTS BY METHOD = 159.54

.00

179.60

TOTAL

TOTAL

TOTAL

TOTAL

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JOINT CONVENTIONAL AMMUNITION PROGRAM COORDINATING GR--ETC F/G 19/1
ECONOMIC ANALYSIS FOR DEMILITARIZATION AND DISPOSAL.(U)

JAN 78 J P WATSON

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DEMIL ALLOCATION AND ACTIVITY COST DATA

DEMIL LOCATION IS SEAL BEACH

DATE: 04/19/77

DDIC	NOMENCLATURE	TONNAGE	NUMBER OF SHIFTS	DEMIL METHOD	ALLCATION INV	NET DIRECT COST	TRANSPORTATION COST	PROCESS COST	RECLAMATION VALUE	
X065	CARTRIDGE,90 MI	59.53	6.51	BURNING(D)	2832	HA	-2345.00	4151.00	1971.00	8467.00
X075	CARTRIDGE,4.2 I	99.39	12.04	BURNING(D)	8440	CR	-27927.00	20468.00	3435.00	51830.00
X056	CTG 4.2 IN M2 SR M	252.11	19.18	BURNING(D)	13446	LX	-24687.00	52212.00	5473.00	82572.00
X179	RCKET,54(KR,3.	590.92	92.77	BURNING(D)	131915	MC	+95752.00	98026.00	26515.00	28789.00
X009	CTG,20MM M97	45.17	4.16	BURNING(D)	158505	HA	-12326.00	3150.00	1189.00	16665.00
X024	CTG,20MM M97	49.90	4.20	BURNING(D)	175103	HA	-13617.00	3480.00	1313.00	18410.00
X023	CTG,20MM HEI-DI	55.30	5.09	BURNING(D)	194019	MC	-9772.00	9172.00	1455.00	20399.00
X142	CHG SUPP (AI CASE)	46.20	1.48	BURNING(D)	196614	FA	+3316.00	2923.00	393.00	0.00
X043	CTG,20MM LNK.	58.90	5.43	BURNING(D)	206670	HA	-20695.00	4107.00	1550.00	26352.00
X012	CTG,20MM M96	76.00	7.12	BURNING(D)	271417	HA	-27173.00	5299.00	2036.00	34608.00
X025	CTG,20MM HEI	116.37	10.72	BURNING(D)	408318	HA	-31754.00	8115.00	3062.00	42931.00
X007	PRUJ 20M 1 SA	45.48	13.22	BURNING(D)	503690	MC	-36319.00	10661.00	3778.00	52958.00
X025	CTG,20MM HEI	168.45	15.52	BURNING(D)	591060	MC	-29770.00	27941.00	4433.00	62144.00
X234	STR,AUX,DC 2-0	235.25	25.20	BURNING(D)	1344270	CR	+34764.00	48206.00	67214.00	80656.00
X024	CTG,20MM HEI	732.11	67.43	BURNING(D)	2568808	MC	-129383.00	121435.00	19266.00	270084.00
X023	CTG,20MM HE	1040.77	100.47	BURNING(D)	3627268	MC	-192766.00	180926.00	28705.00	402399.00

TOTAL TONNAGE BY DEMIL METHOD =	.00	.00	.00	TOTAL	\$427004.00-	TOTAL	\$600472.00	TOTAL	\$171788.00	TOTAL	\$1199264.00
TOTAL NO. OF SHIFTS BY METHOD =	.00	.00	.00		3742.41						
					391.34						

DEMIL ALLOCATION AND ACTIVITY COST DATA

PAGE 16

DEMIL LOCATION IS YORKTOWN

DATE: 04/19/77

DDIC	NUMENCLATURE	TUNNAGE	NUMBER	DEMIL	ALLOCATION	INV	NET DIRECT	TRANSPORTATION	PROCESS	RECLAMATION
			OF SHIFTS	METHOD	QUANTITY	CRIG	COST	COST	COST	VALUE
X250	FLAKE A/C 45-0	26.48	17.69	BURNING(D)	5690	CR	6134.00	6487.00	595.00	948.00
X164	FUZE MK 344-U	43.29	2.00	BURNING(D)	19551	EA	-4113.00	1493.00	379.00	5985.00
X263	FZ PJ 27 0	149.51	113.61	BURNING(D)	113807	MC	-345316.00	18242.00	22574.00	386132.00

TOTAL TUNNAGE BY DEMIL METHOD =	.00	.00	.00	.00	278.68		\$343295.00-	\$26222.00	\$23548.00	\$393065.00
TOTAL NO. OF SHIFTS BY METHOD =	.00	.00	.00	.00	138.50					

DEMIL ALLOCATION AND ACTIVITY COST DATA

DATE: 04/19/77

DEMIL LOCATION IS KEYPORT NTS

DUBIC	NUMENCLATURE	TONNAGE	NOF SHIFTS	NUMBER	DEMIL METHOD	QUANTITY	NET DIRECT	TRANSPORTATION	PROCESS	RECLAMATION
							COST	COST	COST	VALUE
X014	CTG CAL 30 AP API	54.45	27.22	FURNACE(A)	1361150	SR	-15980.00	3621.00	272.00	19873.00
X022	CTG, 30 LINER	49.16	32.78	FURNACE(A)	1639168	KE	-23604.00	0.00	328.00	23932.00
X033	CTG 7.62MM 4 BALL-	355.19	143.68	FURNACE(A)	7133800	UM	-140682.00	12045.00	1637.00	154164.00
X035	CTG 7.62MM 4 BALL-	114.96	459.54	FURNACE(A)	22592192	UM	-356203.00	3655.00	4598.00	364656.00
X089	CTG 3/50	21.50	6.21	WASHUT(B)	6546	HA	-31303.00	6991.00	1244.00	39538.00
X089	CTG 3/50	67.10	7.28	WASHUT(B)	6996	SB	-30683.00	10244.00	1329.00	42256.00
X062	CTG, 3/50 VT	129.69	10.75	WASHUT(B)	10334	HA	-49328.00	11126.00	1963.00	62417.00
X090	CTG 3/50	217.30	18.21	WASHUT(B)	17502	HA	-83694.00	18693.00	3325.00	105712.00
X118	PRUJ, 16/50 AP	45.90	1.13	RETORTATION(C)	34	KE	+1142.00	0.00	1142.00	0.00
X119	PRUJ, 16/50 AP	75.00	1.87	RETORTATION(C)	56	KE	+1682.00	0.00	1682.00	0.00
X123	CHG, PRUP 16/50	70.52	20.05	BURNING(D)	421	KE	+1579.00	0.00	1579.00	0.00

TOTAL TONNAGE BY DEMIL METHOD =	577.72	121.50	70.52	TOTAL	\$66575.00	TOTAL	\$19099.00	TOTAL	\$812548.00
TOTAL NO. OF SHIFTS BY METHOD =	643.52	3.00	20.05						

DATE: 04/19/77

DEMIL LOCATION IS CHARLESTON

DDIC	*MENCLATURE*	*TONNAGE*	*NUMBER OF SHIFTS*	*GEMIL METHOD*	*ALLOCATION+INV.	*QUANTITY	*NET DIRECT	*TRANSPORTATION*	*PROCESS	*RECLAMATION*
							COST	COST	COST	VALUE
X256 *	COMP A3	277.41	136.71	BURNING(D)	554830	MC	+34190.00	28753.00	5437.00	0.00
X259 *	COMP B RECLM	416.43	208.16	BURNING(D)	832655	MC	+51310.00	43150.00	8160.00	0.00

TOTAL TOYRAGE BY DEMIL METHOD =	.00		TCTAL	TOTAL	TOTAL
	.00		\$85500.00+	\$71903.00	\$13597.00
TOTAL NO. OF SHIFTS BY METHOD =	.00		693.74		
	.00		346.67		

DOMESTIC ALLOCATION AND ACTIVITY COST DATA

DE-MIL LOCATION IS DUMMY FACILITY

DATE: 04/19/77

QUIDIC	Nomenclature	Tonnage	#F	Shfts	Demil	Method	Allcation	Invt	Net Direct	Transportation	Process	Reclamation
							Quantity	Jrge	Cost	Cost	Cost	Value
X005	MIS	6.01	G.C.	FURNACE(A)	18	SV	+0.00	0.00	0.00	0.00	0.00	0.00
X217	CWN 29D 25 1	61.34	G.C.	FURNACE(A)	97	CF	+0.00	0.00	0.00	0.00	0.00	0.00
X225	CASE 36 2	79.28	G.C.	FURNACE(A)	181	YT	+0.00	0.00	0.00	0.00	0.00	0.00
X268	GUIDED MISSILE	139.21	G.C.	FURNACE(A)	215	SE	+0.00	0.00	0.00	0.00	0.00	0.00
X143	PRUJ,16/50 MC	254.6C	G.C.	FURNACE(A)	268	KE	+0.00	0.00	0.00	0.00	0.00	0.00
X140	PRUJ,16/50 AP	573.7E	G.C.	FURNACE(A)	425	KE	+0.00	0.00	0.00	0.00	0.00	0.00
X225	CASE 36 2	268.45	G.C.	FURNACE(A)	476	HA	+0.00	0.00	0.00	0.00	0.00	0.00
X249	WRG #316,H-322,-90	144.0C	G.C.	FURNACE(A)	490	PU	+0.00	0.00	0.00	0.00	0.00	0.00
X120	PRUJ,16/50 AP	661.5C	G.C.	FURNACE(A)	490	KE	+0.00	0.00	0.00	0.00	0.00	0.00
X272	PROPELLANT	89.5C	G.C.	FURNACE(A)	639	PC	+0.00	0.00	0.00	0.00	0.00	0.00
X160	DISP E 618 AC CBU	464.7C	G.C.	FURNACE(A)	691	FW	+0.00	0.00	0.00	0.00	0.00	0.00
X172	EULPUP ATSSILE	158.0C	G.C.	FURNACE(A)	695	LK	+0.00	0.00	0.00	0.00	0.00	0.00
X117	PRUJ,16/50 HC	737.05	G.C.	FURNACE(A)	829	NE	+0.00	0.00	0.00	0.00	0.00	0.00
X202	PRUJ SEC/M6A1	706.3L	G.C.	FURNACE(A)	872	SR	+0.00	0.00	0.00	0.00	0.00	0.00
X167	DISP E 618 AC CBU	757.39	G.C.	FURNACE(A)	1125	TE	+0.00	0.00	0.00	0.00	0.00	0.00
X225	CASE 36 2	573.34	G.C.	FURNACE(A)	1309	CH	+0.00	0.00	0.00	0.00	0.00	0.00
X245	CRESYLIC ACID	343.2C	G.C.	FURNACE(A)	1320	CK	+0.00	0.00	0.00	0.00	0.00	0.00
X242	CLUST,PRUJ 14-0	44.4E	G.C.	FURNACE(A)	1567	CH	+0.00	0.00	0.00	0.00	0.00	0.00
X136	PRUJ,5/30 MC	40.31	G.C.	FURNACE(A)	1512	CC	+0.00	0.00	0.00	0.00	0.00	0.00
X211	WRG SEC/M144	1322.7C	G.C.	FURNACE(A)	1428	SR	+0.00	0.00	0.00	0.00	0.00	0.00
X138	PRUJ 5 AY,16/50	2231.5E	G.C.	FURNACE(A)	1633	KE	+0.00	0.00	0.00	0.00	0.00	0.00
X091	CTG,VLT 34	44.13	G.C.	FURNACE(A)	2408	MA	+0.00	0.00	0.00	0.00	0.00	0.00
X271	ATL CNTR FULLPUP	493.81	G.C.	FURNACE(A)	2905	SK	+0.00	0.00	0.00	0.00	0.00	0.00
X242	CLUST,PRUJ 14-0	116.77	G.C.	FURNACE(A)	3593	HA	+0.00	0.00	0.00	0.00	0.00	0.00
X194	KM 3	22.04	G.C.	FURNACE(A)	3818	MC	+0.00	0.00	0.00	0.00	0.00	0.00
X099	CTG 10SM SK XP-TM	166.2C	G.C.	FURNACE(A)	4554	SV	+0.00	0.00	0.00	0.00	0.00	0.00
X051	CTG 76HM HE	120.57	G.C.	FURNACE(A)	5674	SV	+0.00	0.00	0.00	0.00	0.00	0.00
X195	AM 4	53.65	G.C.	FURNACE(A)	6072	MC	+0.00	0.00	0.00	0.00	0.00	0.00
X048	LAUN C CTG RIJT CT	195.22	G.C.	FURNACE(A)	6174	SR	+0.00	0.00	0.00	0.00	0.00	0.00
X144	ADAPTER CLUSTER 3M	573.72	G.C.	FURNACE(A)	6675	SV	+0.00	0.00	0.00	0.00	0.00	0.00
X270	CNTR AGH-12C CNT S	147.01	G.C.	FURNACE(A)	7014	SK	+0.00	0.00	0.00	0.00	0.00	0.00
X051	CTG 76MH HE	150.47	G.C.	FURNACE(A)	7081	NV	+0.00	0.00	0.00	0.00	0.00	0.00
X247	SWK FS MIX	6R.0C	G.C.	FURNACE(A)	8500	CH	+0.00	0.00	0.00	0.00	0.00	0.00
X002	MISC SMALL ARMS	1.64	G.C.	FURNACE(A)	12164	SV	+0.00	0.00	0.00	0.00	0.00	0.00
X156	DISP E 618 ACFT CB	10472.61	G.C.	FURNACE(A)	16376	SK	+0.00	0.00	0.00	0.00	0.00	0.00
X235	FUZE-CC,MK 177	45.1E	G.C.	FURNACE(A)	24083	EA	+0.00	0.00	0.00	0.00	0.00	0.00
X206	PRLP GR 24 1	66.32	G.C.	FURNACE(A)	32830	MC	+0.00	0.00	0.00	0.00	0.00	0.00
X247	SWK FS MIX	348.0C	G.C.	FURNACE(A)	43500	MA	+0.00	0.00	0.00	0.00	0.00	0.00
X079	PRUJ 75SM WP	344.35	G.C.	FURNACE(A)	49E40	LK	+0.00	0.00	0.00	0.00	0.00	0.00
X264	PRLP GR 21 2	331.94	G.C.	FURNACE(A)	64330	MC	+0.00	0.00	0.00	0.00	0.00	0.00
X002	MISC SMALL ARMS	11.72	G.C.	FURNACE(A)	96846	LX	+0.00	0.00	0.00	0.00	0.00	0.00

DENIL ALLOCATION AND ACTIVITY COST DATA

DATE: 04/19/77

DENIL LOCATION IS DUMMY FACILITY

DUDIC	NOMENCLATURE	TONNAGE	ELF SHIFTS	NUMBER	DENIL METHOD	ALLLOCATION	INVT	NET DIRECT COST	TRANSPORTATION COST	PROCESS COST	RECLAMATION VALUE
X039	CTG 20MM TP ACB 25	40.25	0.00	0.00	FURNACE(A)	31573	TE	0.00	0.00	0.00	0.00
X254	6747 SPD	60.60	0.00	0.00	FURNACE(A)	121194	YT	0.00	0.00	0.00	0.00
X257	EXP L NEW CL A	61.26	0.00	0.00	FURNACE(A)	122500	CA	0.00	0.00	0.00	0.00
X235	FUZE,DC,MK 177	243.65	0.00	0.00	FURNACE(A)	129626	CR	0.00	0.00	0.00	0.00
X235	FUZE,DC,MK 177	245.44	0.00	0.00	FURNACE(A)	130903	HA	0.00	0.00	0.00	0.00
X265	BLISTER M214	53.56	0.00	0.00	FURNACE(A)	148774	LX	0.00	0.00	0.00	0.00
X246	ALST CTL ACT CS-2	177.22	0.00	0.00	FURNACE(A)	164896	SR	0.00	0.00	0.00	0.00
X265	BUSTER M214	83.58	0.00	0.00	FURNACE(A)	232176	LX	0.00	0.00	0.00	0.00
X021	CTG CAL 50 API MB	56.30	0.00	0.00	FURNACE(A)	256260	SR	0.00	0.00	0.00	0.00
X247	SVK FS MIX	2304.00	0.00	0.00	FURNACE(A)	288000	YT	0.00	0.00	0.00	0.00
X016	CTG CAL 50 AP	82.29	0.00	0.00	FURNACE(A)	327319	AT	0.00	0.00	0.00	0.00
X026	CTG 20MM LVD 4HE1	154.34	0.00	0.00	FURNACE(A)	336600	AA	0.00	0.00	0.00	0.00
X265	BUSTER M214	267.67	0.00	0.00	FURNACE(A)	743534	RR	0.00	0.00	0.00	0.00
X005	MISC	522.41	0.00	0.00	FURNACE(A)	829216	TE	0.00	0.00	0.00	0.00
X002	MISC SMALL ARMS	115.16	0.00	0.00	FURNACE(A)	853160	SR	0.00	0.00	0.00	0.00
X019	CTG CAL 50 API LAD	322.36	0.00	0.00	FURNACE(A)	1728187	SR	0.00	0.00	0.00	0.00
X027	CTG 7.62MM BAL	126.72	0.00	0.00	FURNACE(A)	2112000	SR	0.00	0.00	0.00	0.00
X003	CTG CAL 7.62MM BAL	93.30	0.00	0.00	FURNACE(A)	2332377	RA	0.00	0.00	0.00	0.00
X004	CTG CAL 50 API MR	548.71	0.00	0.00	FURNACE(A)	3429411	PR	0.00	0.00	0.00	0.00
X042	CTG 30 LINKED	200.05	0.00	0.00	FURNACE(A)	4001050	PU	0.00	0.00	0.00	0.00
X040	CTG 30 LINKED	193.51	0.00	0.00	FURNACE(A)	6117000	SR	0.00	0.00	0.00	0.00
X040	CTG 30 LINKED	230.63	0.00	0.00	FURNACE(A)	7954320	CR	0.00	0.00	0.00	0.00
X002	MISC SMALL ARMS	2106.24	0.00	0.00	FURNACE(A)	15601815	UM	0.00	0.00	0.00	0.00
X268	GUIDED MISSILE	42.09	0.00	0.00	FURNACE(A)	65	CR	0.00	0.00	0.00	0.00
X166	5723,CP 84 ALL	114.98	0.00	0.00	WASHUT(B)	122	NC	0.00	0.00	0.00	0.00
X159	5723,CP AK 82	80.12	0.00	0.00	WASHUT(B)	127	CR	0.00	0.00	0.00	0.00
X159	5723,CP AK 82	15.79	0.00	0.00	WASHUT(B)	235	CR	0.00	0.00	0.00	0.00
X163	5723,CP 84-LL	256.24	0.00	0.00	WASHUT(B)	237	EA	0.00	0.00	0.00	0.00
X161	CTSP E BHP ACFT CB	308.30	0.00	0.00	WASHUT(B)	274	RC	0.00	0.00	0.00	0.00
X225	CASE 36 2	261.92	0.00	0.00	WASHUT(B)	483	SR	0.00	0.00	0.00	0.00
X068	CTG 76MM SPN WP H3	72.30	0.00	0.00	WASHUT(B)	598	NC	0.00	0.00	0.00	0.00
X104	PREJ 175MM HE M437	259.20	0.00	0.00	WASHUT(B)	3491	UM	0.00	0.00	0.00	0.00
X051	CTG 76MM HE	122.01	0.00	0.00	WASHUT(B)	3456	LX	0.00	0.00	0.00	0.00
X049	CTG 76MM HE CMP B	177.50	0.00	0.00	WASHUT(B)	7624	LX	0.00	0.00	0.00	0.00
X167	CTSP E BHP AC CBU	7341.62	0.00	0.00	WASHUT(B)	10000	LX	0.00	0.00	0.00	0.00
X067	CTG 76MM HE M352	261.40	0.00	0.00	WASHUT(B)	10905	SR	0.00	0.00	0.00	0.00
X050	CTG 76MM HE	311.94	0.00	0.00	WASHUT(B)	12433	TE	0.00	0.00	0.00	0.00
X059	PRUJ 76MM T91	244.55	0.00	0.00	WASHUT(B)	14851	LX	0.00	0.00	0.00	0.00
X078	PRUJ 76MM WP	324.57	0.00	0.00	WASHUT(B)	24455	HA	0.00	0.00	0.00	0.00
X050	CTG 76MM HE	1200.04	0.00	0.00	WASHUT(B)	53045	LK	0.00	0.00	0.00	0.00
					WASHUT(B)	57131	NV	0.00	0.00	0.00	0.00

DEMIL ALLOCATION AND ACTIVITY COST DATA

DEMIL LOCATION IS DUMMY FACILITY										DATE: 04/19/77		
DUDIC	NOMENCLATURE	TONNAGE	NUMBER OF SHIFTS	DEMIL METHOD	ALLLOCATION INV	QUANTITY	NET DIRECT COST	TRANSPORTATION COST	PROCESS COST	RECLAMATION VALUE		
X077	PRJ 105X WF	1289.59	0.00	WASHOUT(B)	80348	LK	+0.00	0.00	0.00	0.00	0.00	0.00
X267	FIRE STEEL CTG CA	561.70	0.00	WASHOUT(B)	211313	RR	+0.00	0.00	0.00	0.00	0.00	0.00
X173	RKT 117E AP100	62.20	0.00	DETUNATION(C)	14	PU	+0.00	0.00	0.00	0.00	0.00	0.00
X168	LISP 1 BME AC CBU	63.20	0.00	DETUNATION(C)	99	RR	+0.00	0.00	0.00	0.00	0.00	0.00
X121	PRJ 16/50 AP	326.70	0.00	DETUNATION(C)	242	KE	+0.00	0.00	0.00	0.00	0.00	0.00
X040	CTG 50 LINKEC	64.92	0.00	DETUNATION(C)	216400	HA	+0.00	0.00	0.00	0.00	0.00	0.00
X113	PRJ 5/35 HC	50.30	0.00	BURNING(D)	1385	HA	+0.00	0.00	0.00	0.00	0.00	0.00
X136	PRJ 5/35 HC	44.28	0.00	BURNING(D)	1661	HA	+0.00	0.00	0.00	0.00	0.00	0.00
X100	CTG 105X1 AP-T M-1	72.30	0.00	BURNING(D)	2112	AN	+0.00	0.00	0.00	0.00	0.00	0.00
X060	PRJ 4.2 IN "P	56.15	0.00	BURNING(D)	5746	LK	+0.00	0.00	0.00	0.00	0.00	0.00
X068	CTG 76MM SMK HP M3	173.35	0.00	BURNING(D)	8187	AN	+0.00	0.00	0.00	0.00	0.00	0.00
X243	RIOT CTL AGNT	141.52	0.00	BURNING(D)	117440	LK	+0.00	0.00	0.00	0.00	0.00	0.00

TOTAL TONNAGE FOR DUMMY FACILITY

GRAND TOTAL TONNAGE BY DEMIL METHOD				FURNACE	WASHOUT	DETUNATION	BURNING
				31746.00	13419.00	517.00	569.00

DATE: 04/19/77

DENIL ALLOCATION AND ACTIVITY COST DATA

GRAND TOTALS FOR DENIL LOCATIONS

	FURNACE	WASHOUT	DETONATION	BURNING
GRAND TOTAL T. VALUE BY DENIL METHOD	10300.00	41131.00	14174.00	25272.00
GRAND TOTAL NETCOST BY DENIL METHOD	\$3592642.00-	\$5379068.00-	\$657950.00	\$19216.00-
GRAND TOTAL TRANS COST BY DENIL METHOD	\$47947.00	\$783019.00	\$317056.00	\$1097828.00
GRAND TOTAL PROCESS COST BY DENIL METHOD	\$491430.00	\$2596161.00	\$402235.00	\$1476103.00
GRAND TOTAL NECL VALUE BY DENIL METHOD	\$4433019.00	\$8758266.00	\$61341.00	\$2593147.00

APPENDIX B

PART 3

ITEM RANKING BY GREATEST DIRECT PAYBACK
(50-YR TIME LIMIT)

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LEAST-COST ANALYSIS
(50-YR TIME LIMIT)

ITEM RANKING BY GREATEST DIRECT PAYBACK
(PAYBACK OVER \$ 100,000)

<u>ITEM</u>	<u>DEMIL SITE</u>	<u>INVENTORY SITE</u>	<u>DIRECT PAYBACK</u>
CTG. 20mm M96	HAWTHORNE	SAME	839,910
CTG. .50 AP M2	MC ALESTER	SAME	824,970
CASE, DC, LDD 8-0	HAWTHORNE	SAME	509,720
CTG 7.62mm 4-Ball (A127)	KEYPORT	UMATILLA	356,200
FZ, PD, 27-0	YORKTOWN	MC ALESTER	345,320
CTG, 7.62mm Ball TR	RED RIVER	SAME	345,160
CTG 20mm AP-T M95	HAWTHORNE	SAME	303,960
PROJ/CHG 120mm (C804)	HAWTHORNE	SAME	298,860
Bomb Depth MK5	CRANE	SAME	279,010
Projectile And (C807)	LEX-BLUGRASS	CRANE	250,120
Proj. 90mm, HE, A3	MC ALESTER	SAME	247,220
Proj/Chg 120mm (C802)	HAWTHORNE	SAME	243,690
CTG CAL 50 API M8	EARLE	LETTERKENNY	229,000
Proj 3/50 AP	RED RIVER	CRANE	222,810
Projectile And (C807)	TOOELE	HAWTHORNE	217,550
Proj/Chg 120mm (C802)	CRANE	SAME	202,890
CTG 20mm HE	SEAL BEACH	MC ALESTER	192,770
Proj, SA 120mm	MC ALESTER	SAME	180,550
CTG 20mm HE	CRANE	SAME	156,720
Projectile And (C801)	TOOELE	HAWTHORNE	154,240
Projectile And (C800)	MC ALESTER	SAME	149,080
Bomb GP MK 82-1	CRANE	SAME	142,770

ITEM RANKING BY GREATEST DIRECT PAYBACK CON'T

<u>ITEM</u>	<u>DEMIL SITE</u>	<u>INVENTORY SITE</u>	<u>DIRECT PAYBACK</u>
CTG 105mm HE M323	LEX-BLUGRASS	SAME	141,200
CTG 7.62mm 4-Ball (A131)	KEYPORT	UMATILLA	140,680
Projectile And (C807)	MC ALESTER	SAME	140,600
CTG 20mm M96 (A776)	HAWTHORNE	SAME	136,350
Projectile 155	HAWTHORNE	SAME	131,780
CTG 20mm HET (A745)	SEAL BEACH	MC ALESTER	129,380
Proj/Chg 120mm (C804)	CRANE	SAME	127,190
Projectile And	HAWTHORNE	SAME	124,470
DC HE 7.2 MK4	CRANE	SAME	120,920
CASE 18-0	TOOELE	HAWTHORNE	119,350
Proj SA 120mm	RED RIVER	MC ALESTER	108,130
WHD, DC, MK 4-0, 3	HAWTHORNE	SAME	107,950
DC, HE, 7.2 MK4	HAWTHORNE	SAME	100,350

APPENDIX B

PART 4

LEAST-COST ANALYSIS, 5-YR TIME LIMIT

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DEMIL ALLOCATION AND ACTIVITY COST DATA

DATE: 04/19/77

DEMIL LOCATION IS ANNISTON ARMY DEPOT

DDIC	NUMENCLATURE	TUNNAGE	NUMBER OF SHIFTS	DEMIL METHOD	ALLOCATION*INV	NET DIRECT COST	TRANSPORTATION* COST	PROCESS COST	RECLAMATION* VALUE
X145	BOMB, GP 83-4	571.50	25.00	WASHOUT (B)	1125	-28770.00	25626.00	45504.00	99900.00
X150	BOMB, GP 83-4	89.24	4.39	DETUNATION (C)	193	+7995.00	4003.00	3992.00	0.00
X151	BOMB, GP MK 81-4	99.90	4.91	DETUNATION (C)	216	+6948.00	4480.00	4468.00	0.00
X116	CHG, PRODP R755	42.61	1.21	BURNING (D)	1813	+4402.00	2756.00	1650.00	4.00
X252	CHG DEMO LINEAR	69.19	3.19	BURNING (D)	2369	+1528.00	0.00	2899.00	1371.00
X107	CHG PRODP 1551X	66.70	8.75	BURNING (D)	4375	+7350.00	0.00	7963.00	613.00
X215	MINE AT N15 HT MVY	274.90	3.94	BURNING (D)	11040	+24506.00	20918.00	3588.00	0.00
X174	RKT 3-5 IN LP-T 12	315.19	5.81	BURNING (D)	34825	+50026.00	11348.00	5291.00	7613.00
X178	RCKET, PRACTICE	197.06	7.23	BURNING (D)	43987	+5908.00	8836.00	6672.00	9600.00
X249	R10T CTL ACT	70.15	280.61	BURNING (D)	140303	+191530.00	0.00	191530.00	0.00

TOTAL TONNAGE BY DEMIL METHOD =	.00	571.50	169.16	TOTAL	\$232423.00+	\$77967.00	TOTAL	\$273557.00	TOTAL	\$119101.00
TOTAL NO. OF SHIFTS BY METHOD =	.00	25.00	9.30							

DEMIL ALLOCATION AND ACTIVITY COST DATA

DATE: 04/19/77

DEMIL LOCATION IS LETTERKENNY

DUDIC	MCNENCLATURE	TONNAGE	NUMSER	DEMIL	ALLOCATION	INV	NET DIRECT	TRANSPORTATION	PROCESS	RECLAMATION
			SHIFTS	METH'D	QUANTITY	ORIG	COST	COST	COST	VALUE
X224	CASE 25 1	91.21	2.31	WASHCUT (B)	104	YT	+6352.00	2469.00	4931.00	1048.00
X208	RKT MOTOK, JATU	55.21	0.05	BURNING (D)	538	EA	+362.00	1065.00	72.00	775.00
X109	CHG, PROP 5/33	73.01	2.39	BURNING (D)	4772	YT	+4523.00	1577.00	2546.00	0.00
X109	CHG, PROP 5/33	112.91	3.69	BURNING (D)	7380	YT	+6994.00	3057.00	3937.00	0.00

TOTAL TONNAGE BY DEMIL METHOD =	.00	.00	241.13	TOTAL	\$18231.00	TOTAL	\$11406.00	TOTAL	\$1823.00
TOTAL NO. OF SHIFTS BY METHOD =	.00	.00	6.13						

DENIL ALLOCATION AND ACTIVITY COST DATA

PAGE 3

DENIL LOCATION IS PUEBLO ARMY DEPOT

DATE: 04/19/77

DODIC	NOMENCLATURE	TONNAGE	NUMBER OF SHIFTS	DENIL METHOD	QUANTITY	NET DIRECT COST	TRANSPORTATION COST	PROCESS COST	RECLAMATION VALUE	
X146	60MB,DEPTH MK 5	62.16	6.42	WASHOUT(8)	379	HA	-4222.00	3218.00	16403.00	23843.00
X218	UMN C6D 36 1	312.84	14.67	WASHOUT(8)	640	HA	-50001.00	16197.00	28565.00	94763.00
X228	CASE 50 0	1776.24	153.96	WASHOUT(8)	7698	HA	-62724.00	92068.00	299852.00	454644.00

TOTAL TONNAGE BY DENIL METHOD =	.00	2153.24	.00	TOTAL	1116947.00	TOTAL	1111483.00	TOTAL	573250.00
TOTAL NO. OF SHIFTS BY METHOD =	.00	177.05	.00						

DATE: 04/19/77

DEMIL LOCATION IS RED RIVER

DODIC	N. MENCLATURE	TONNAGE	QF	NUMBER	SHIFT	CMIL	ALLCATION	INV	NET	DIRECT	TRANSPORTATION	PROCESS	RECLAMATION
						METHOD	QUANTITY	ORIG	COST	COST	COST	COST	VALUE
X170	ADPTR, GREN, M1	42.61	0.23	FURNACE(A)	224266	MC	-144.00		919.00		489.00		1552.00
X030	CTG, 50 INC M1	46.52	4.19	FURNACE(A)	804320	MC	-11922.00		2081.00		9716.00		23719.00
X034	CTG, 7.62MM BALL TR	93.15	0.90	FURNACE(A)	862984	RR	-34515.30		0.00		1881.00		347040.00
X154	CBMB, GP 82 1	72.27	6.49	WASHOUT(B)	292	MC	-1636.00		1559.00		12043.00		15237.00
X128	CASE 50 0	219.45	19.00	KASHOUT(B)	950	MC	-18315.00		4732.00		33060.00		56307.00
X224	CASE 25 1	2059.26	52.12	WASHOUT(B)	2348	MC	+117581.00		44407.00		96842.00		23668.00
X213	WRHD 10	52.36	4.45	WASHOUT(B)	3561	MC	-890.00		1129.00		7745.00		9764.00
X153	CBMB, GP 82-0.1	1440.34	129.38	KASHOUT(B)	5822	MC	-25374.00		31074.00		240125.00		294573.00
X186	WRHD 12	144.67	10.89	WASHOUT(B)	8715	MC	-6632.00		3120.00		18955.00		28707.00
X060	PRGJ, SA 120MM	213.00	10.14	WASHOUT(B)	9130	MC	-108132.00		4593.00		17651.00		130376.00
X185	WRHD 10	421.63	34.17	WASHOUT(B)	27334	MC	-6407.00		9092.00		59451.00		74950.00
X184	WRHD 10	397.47	34.43	WASHOUT(B)	27545	MC	-7046.00		8572.00		59910.00		75528.00
X187	WRHD 12	905.45	66.18	WASHOUT(B)	54545	MC	-41510.00		19526.00		118635.00		179671.00
X071	CTG, 105MM SMK WP M	60.00	0.40	BURNING(D)	1400	RR	-2099.00		0.00		557.00		2656.00
X182	WRHD 7	41.97	1.05	BURNING(D)	4216	MC	-1082.00		905.00		1467.00		1290.00
X127	PRGJ, 6/47 AP	311.41	4.79	BURNING(D)	4791	MC	+2483.00		6716.00		8336.00		13569.00
X093	PRGJ, 3/70 VT	45.36	1.01	BURNING(D)	6048	CR	+3165.00		2508.00		1754.00		1157.00
X058	PRGJ, 90MM TNT	71.47	1.19	BURNING(D)	7147	MC	-19971.00		1561.00		2073.00		23585.00
X133	PRGJ, 6/47 HC	414.15	7.52	BURNING(D)	7921	MC	+1934.00		8932.00		13783.00		20781.00
X175	MMO RKT 5.0 HE	140.76	2.43	BURNING(D)	9706	MC	-241.00		3020.00		3378.00		6639.00
X177	ROCKET, HEAT, 3.5	66.39	2.66	BURNING(D)	14753	CR	+4617.00		3759.00		4278.00		3320.00
X191	WRHD 8	218.17	5.12	BURNING(D)	20459	MC	+4868.00		4705.00		7129.00		7006.00
X214	WRHD 7	215.76	5.14	BURNING(D)	20549	MC	+5146.00		4653.00		7151.00		6658.00
X352	PRGJ, 3/70 VT	254.71	5.66	BURNING(D)	33962	CR	+17773.00		14422.00		9849.00		6498.00
X076	PRGJ, 3/50 AP	445.93	11.37	BURNING(D)	68237	CR	-222814.00		2528.00		19789.00		267851.00
X200	ROCKET, HEAT, 3.5	325.87	12.12	BURNING(D)	72740	CR	+23671.00		18451.00		21095.00		15075.00
X177	ROCKET, HEAT, 3.5	1065.05	35.45	BURNING(D)	236678	MC	+35952.00		22968.00		68637.00		51653.00

TOTAL TONNAGE BY DEMIL METHOD = 182.26		.CO	
		TOTAL	TOTAL
		3676.34	\$595860.00-
			\$24892.00
			8845779.00
			\$1690330.00

DEMIL ALLOCATION AND ACTIVITY COST DATA

DEMIL LOCATION IS TOELE ARMY DEPOT

DATE: 04/19/77

DDIC	MEMORANDUM	TONNAGE	NUMBER	DEMIL METHOD	ALLOCATION	INVT	NET DIRECT	TRANSPORTATION	PROCESS	RECLAMATION
			OF SHIFTS		QUANTITY	ORIG	COST	COST	COST	VALUE
X222	CASE 18 0	461.33	10.89	WASHOUT(B)	490	HA	-119348.00	21563.00	22835.00	163346.00
X073	PROJECTILE AND	47.18	1.23	WASHOUT(B)	1108	HA	-11080.00	2205.00	2537.00	15822.00
X063	CARTIDGE, 90 MI	105.92	2.05	WASHOUT(B)	5113	HA	-11569.00	4951.00	3371.00	19890.00
X101	PROJECTILE AND	656.71	17.14	WASHOUT(B)	15423	HA	-154237.00	30695.00	35308.00	220240.00
X096	PROJECTILE AND	534.49	22.60	WASHOUT(B)	20342	HA	-217546.00	24982.00	46570.00	289098.00
X252	CHG DEMO LINEAR	251.89	6.28	WASHOUT(B)	8698	TE	-4110.00	0.00	9103.00	4993.00
X260	TNT, RECLAIMED	72.43	1.45	WASHOUT(B)	144870	KE	-8969.00	6978.00	1991.00	0.00
X260	TNT, RECLAIMED	1186.06	23.72	WASHOUT(B)	2372163	HA	-88031.00	55437.00	32594.00	4099.00
X064	CARTIDGE, 90 MI	102.44	0.92	BURNING(D)	4924	HA	-1591.00	4788.00	902.00	1286.00
X203	WU, 3.25 ME 2-0	45.14	0.98	BURNING(D)	5893	HA	-1903.00	2110.00	1079.00	0.00
X240	DC, PRAC, 4.00	93.19	1.86	BURNING(D)	7455	HA	-6404.00	4356.00	2048.00	0.00
X232	TL, ASV, 3-0, 2.3	63.93	0.90	BURNING(D)	13531	HA	-4227.00	2988.00	1239.00	0.00
X169	WU, RKT 5.00 ME	1919.47	18.58	BURNING(D)	74326	HA	-59297.00	89716.00	20419.00	50838.00
X178	ROCKET, PRACTICE	341.35	12.70	BURNING(D)	76195	HA	-13281.00	15955.00	13955.00	16629.00
X180	PROP GR, RKT	46.65	21.21	BURNING(D)	84827	HA	-82592.00	2181.00	23304.00	108077.00
X177	ROCKET, MEAT, 3.5	678.42	25.13	BURNING(D)	150761	HA	-26420.00	31710.00	27612.00	32902.00

TOTAL TONNAGE BY DEMIL METHOD = .00

TOTAL NO. OF SHIFTS BY METHOD = .00

TOTAL 1510.40

TOTAL 1805.63

TOTAL 53.91

TOTAL 3290.59

TOTAL 82.18

TOTAL \$382139.00-

TOTAL \$300615.00

TOTAL \$244467.00

TOTAL \$927220.00

DEMIL ALLOCATION AND ACTIVITY COST DATA

DATE: 04/19/77

DEMIL LOCATION IS SAVANNA ARMY DEPT

DDIC	ALLOCATION	NUMBER	DEMIL	NET DIRECT	TRANSPORTATION	PROCESS	RECLAMATION
		OF SHIFTS	METHOD	QUANTITY	COST	COST	VALUE
X045	CTG 40MM APT R01	46.01	3.83	BURNING(D)	13795	SV	-13799.00
						0.00	5238.00
							19037.00

TOTAL TONNAGE BY DEMIL METHOD =	.00	.00	.00	TOTAL	\$13799.00-	TOTAL	\$0.00	TOTAL	\$5238.00	TOTAL	\$19037.00
TOTAL NO. OF SHIFTS BY METHOD =	.00	.00	.00								

DEMIL ALLOCATION AND ACTIVITY COST DATA

DATE: 04/19/77

DEMIL LOCATION IS SIERRA ARMY DEPUT

DDIC	ALPHENCLATURE	TONNAGE	NUMBER OF SHIFTS	DEMIL METHOD	ALLOCATION	INV	NET DIRECT COST	TRANSPORTATION COST	PROCESS COST	RECLAMATION VALUE
X020	CTG CAL 50 M3	71.97	3.27	FURNACE(A)	359835	SR	-18518.00	0.00	6491.00	25009.00
X017	CTG 50BLAK LNK	57.52	8.04	FURNACE(A)	884920	HA	-47428.00	765.00	15964.00	64157.00
X219	MINE	56.04	0.41	DETUNATION(C)	58	HA	+1578.00	735.00	1233.00	0.00
X229	CASE	151.25	1.10	DETUNATION(C)	338	HA	+5278.00	2012.00	3266.00	0.00
X230	MHD H8X	241.25	2.79	DETUNATION(C)	391	HA	+11521.00	3209.00	8312.00	0.00
X226	CASE	540.85	4.33	DETUNATION(C)	606	HA	+20075.00	7193.00	12882.00	0.00
X220	MINE	965.28	7.14	DETUNATION(C)	999	HA	+34074.00	12838.00	21236.00	0.00
X221	CASE	233.76	7.31	DETUNATION(C)	1023	HA	+19239.00	3109.00	21746.00	5616.00
X085	CTG 3/70 VT	67.32	0.26	DETUNATION(C)	3674	HA	+1676.00	895.00	781.00	0.00
X097	CTG 3/70 VT	94.78	0.37	DETUNATION(C)	5172	HA	+2360.00	1281.00	1099.00	0.00
X102	CARTIDGE 106 M	154.23	3.50	DETUNATION(C)	7487	HA	+11562.00	2051.00	10412.00	1101.00
X208	RKT MOTOR JATU	47.62	0.02	BURNING(D)	464	HA	+11.00	633.00	46.00	668.00
X248	SMK PCT AK-M772	111.90	1.69	BURNING(D)	8445	58	+7777.00	5017.00	3351.00	591.00
X111	CHG PROP 5/54	280.99	3.29	BURNING(D)	16461	HA	-94831.00	3737.00	9798.00	108366.00
TOTAL TONNAGE BY DEMIL METHOD =		129.49	.00	2504.77	440.51	TOTAL		\$43465.00	\$116617.00	\$205508.00
TOTAL NO. OF SHIFTS BY METHOD =		11.31	.00	27.21	5.00	TOTAL		\$43465.00	\$116617.00	\$205508.00

DENIL ALLOCATION AND ACTIVITY CUST DATA

DATE: 04/19/77

DENIL LOCATION IS NAVAJO ARMY DEPOT

DDIC	NUMENCLATURE	TONNAGE	NUMBER OF SHIFTS	DENIL METHOD	ALLOCATION INVT	QUANTITY	NET DIRECT COST	TRANSPORTATION COST	PROCESS COST	DECLARATION VALUE
X241	DEPTH CHARGE, HI	52.51	1.75	WASHCUT(13)	210	56	-8672.00	2674.00	3688.00	15034.00
X052	CTG 90MM M71	442.53	12.87	WASHCUT(18)	14161	NV	-21177.00	0.00	33909.00	55086.00
X108	CMG, PRUP 5/38	58.29	0.51	BURNING(1)	3810	56	+3860.00	2568.00	892.00	0.00

TOTAL TONNAGE BY DENIL METHOD =	.00	495.04	.00	TOTAL	\$25989.00 -	TOTAL	\$5642.00	TOTAL	\$38489.00	TOTAL	\$70120.00
TOTAL NO. OF SHIFTS BY METHOD =	.00	14.62	.00		58.29						

DEMIL ALLOCATION AND ACTIVITY COST DATA

DATE: 04/19/77

DEMIL LOCATION IS LEXINGTON BLUEGRASS

ODDID	NUMENCLATURE	TURNAGE	NUMBER OF SHIFTS	DEMIL METHOD	ALLOCATION QUANTITY	INV	NET DIRECT COST	TRANSPORTATION COST	PROCESS COST	RECLAMATION VALUE
X241	DEPTH CHARGE HI	52.51	1.75	WASHOUT (3)	210	CK	-11761.00	963.00	2330.00	15034.00
X228	CASE 50 0	195.43	16.92	WASHOUT (3)	846	CR	-18220.00	3583.00	28162.00	49985.00
X130	PROJECTILE 155	48.40	1.69	WASHOUT (B)	1016	CR	+1807.00	887.00	2818.00	1898.00
X224	CASE 25 1	944.53	23.93	WASHOUT (B)	1077	CR	+4892.00	17318.00	42450.00	10856.00
X226	CASE 39 0	1016.56	25.31	WASHOUT (B)	1139	CR	+63575.00	18639.00	44936.00	0.00
X074	PROJECTILE AND	117.42	2.94	WASHOUT (B)	2646	CR	-35468.00	2153.00	4893.00	42514.00
X176	WHD MNT 5.0 FE	99.25	4.77	WASHOUT (5)	3819	CR	-11592.00	1821.00	7945.00	21358.00
X081	CARTIDGE 90 MI	104.05	4.55	WASHOUT (B)	5001	CR	+5312.00	1508.00	7567.00	4163.00
X070	CARTIDGE 90 MI	102.77	4.74	WASHOUT (B)	5210	CR	-5745.00	1884.00	7883.00	15512.00
X155	BOMB CP N2 2	1536.94	185.55	WASHOUT (B)	7422	CR	-44786.00	33680.00	308829.00	387295.00
X069	CARTIDGE 90 MI	223.58	9.81	WASHOUT (B)	10793	CR	-11704.00	4099.00	16331.00	32134.00
X110	PRGJ 5/38 VT	490.82	19.57	WASHOUT (B)	17977	CR	-20358.00	9000.00	33245.00	62603.00
X096	PROJECTILE AND	553.14	23.39	WASHOUT (B)	21052	CR	-250115.00	10142.00	38932.00	299189.00
X053	CTG 105MM WE M323	900.22	24.33	WASHOUT (B)	24334	LX	-141196.00	0.00	41334.00	182530.00
X126	CHG PROP 16/50	45.36	0.00	BURNING (D)	567	MC	+3516.00	3516.00	0.00	0.00
X111	CHG PROP 5/54	53.60	0.63	BURNING (D)	3140	CR	-16991.00	983.00	697.00	20671.00
X112	CHG PROP 5/54	59.03	0.69	BURNING (D)	3458	CR	-20916.00	1082.00	767.00	22765.00
X054	CTG 105MM SMK WP M	288.00	4.52	BURNING (D)	7680	LX	-9240.00	0.00	3509.00	12749.00
X251	MARKER 58 0	276.33	8.57	BURNING (D)	42842	CR	+5836.00	5067.00	9507.00	4738.00

TOTAL TONNAGE BY DEMIL METHOD =	.00	6695.71	.00	TOTAL	\$46774.00-	TOTAL	\$116725.00	TOTAL	\$602175.00	TOTAL	\$1185974.00
TOTAL NO. OF SHIFTS BY METHOD =	.00	350.15	.00		722.32						
					14.41						

DEMIL ALLOCATION AND ACTIVITY COST DATA

DATE: 04/19/77

DEMIL LOCATION IS CRANE MAD

DDIC	NUMERCLATURE	TUNNAGE	OF SHIFTS	NUMBER	DEMIL METHOD	ALLOCATION	INVT	NET DIRECT	TRANSPORTATION	PROCESS	RECLAMATION
						QUANTITY	ORIG	COST	COST	COST	VALUE
X169	GRN RIFLE HT M31	49.43	0.11	0.11	FURNACE(A)	12642	LK	+3551.00	3386.00	165.00	0.00
X201	F21VT M402 A1	163.77	40.44	40.44	FURNACE(A)	121309	CR	-36150.00	0.00	6187.00	42337.00
X006	CTG 20MM MIXED	50.07	7.81	7.81	FURNACE(A)	171746	CR	-7100.00	0.00	10957.00	19057.00
X011	CTG 20MM AP-T M95	62.61	11.93	11.93	FURNACE(A)	208695	AN	-44630.00	2807.00	918.00	48355.00
X264	FUZE M66	160.15	32.04	32.04	FURNACE(A)	320389	CR	+40882.00	0.00	40882.00	0.00
X025	CTG 20MM HEI	101.50	16.19	16.19	FURNACE(A)	356141	CR	-14723.00	0.00	22722.00	37445.00
X024	CTG 20MM HET	191.03	30.47	30.47	FURNACE(A)	670282	CR	-27709.00	0.00	42764.00	70473.00
X031	CTG 20MM BALL M2	54.21	18.07	18.07	FURNACE(A)	1806864	CR	-10660.00	0.00	1265.00	11925.00
X028	CTG 20MM HE	106.45	172.32	172.32	FURNACE(A)	3191052	CR	-156722.00	0.00	241869.00	359591.00
X158	BMG GP MK 82-1	40.04	13.50	13.50	WASHOUT(B)	162	MC	-5042.00	2499.00	912.00	8453.00
X239	CASE CC 7 0	135.36	6.27	6.27	WASHOUT(B)	376	CR	-48176.00	0.00	520.00	48696.00
X237	CASE CC ALCO 9-4	83.30	7.93	7.93	WASHOUT(B)	476	CR	+658.00	0.00	658.00	0.00
X115	PROJ 8/55 8LP/T	70.98	1.56	1.56	WASHOUT(B)	546	CR	-7144.00	0.00	420.00	7564.00
X072	CTG 105MM HT/AR	42.50	2.44	2.44	WASHOUT(B)	1464	SN	-2057.00	2709.00	739.00	5505.00
X162	BOMB GP MK 82-1	759.56	255.50	255.50	WASHOUT(B)	3067	CR	-162772.00	0.00	17270.00	160042.00
X237	CASE DC LDD 5-4	799.22	76.12	76.12	WASHOUT(B)	4567	MC	+56124.00	49808.00	6316.00	0.00
X147	BOMB DEPTH MK 5	758.04	405.92	405.92	WASHOUT(B)	4871	CR	-279006.00	0.00	27429.00	308435.00
X086	PROJ/CHG 120MM	329.01	14.98	14.98	WASHOUT(B)	5993	CR	-62883.00	0.00	2697.00	85980.00
X082	PROJ/CHG 120MM	343.39	16.00	16.00	WASHOUT(B)	6400	CR	-88512.00	0.00	2880.00	91392.00
X087	PROJ/CHG 120MM	505.83	22.59	22.59	WASHOUT(B)	9197	CR	-127194.00	0.00	4139.00	131333.00
X094	PROJ/CHG 120MM	776.70	36.68	36.68	WASHOUT(B)	14670	CR	-202886.00	0.00	6602.00	209488.00
X233	CTG HE 7.2 MK4	604.72	323.97	323.97	WASHOUT(B)	19438	CR	-120920.00	0.00	23699.00	144619.00
X129	PROJECTILE 155	74.86	3.02	3.02	DETUNATION(C)	1512	CR	+4630.00	0.00	4630.00	0.00
X129	PROJECTILE 155	674.13	27.23	27.23	DETUNATION(C)	13616	MC	+83710.00	42012.00	41698.00	0.00
X046	STAN MIXED	60.04	8.00	8.00	DETUNATION(C)	21991	CR	+2133.00	0.00	2133.00	0.00
X179	ROCKET SAKER 3	177.45	180.05	180.05	DETUNATION(C)	39610	CR	+22449.00	0.00	22657.00	208.00
X122	PROJ 16/50 BLPT	43.20	0.64	0.64	BURNING(D)	32	CR	-1399.00	0.00	817.00	2216.00
X264	MAR GAS IDSE M1	112.42	8.18	8.18	BURNING(D)	2044	CR	+2064.00	0.00	2064.00	0.00
X264	MAR GAS IDSE M1	139.48	10.14	10.14	BURNING(D)	2536	MC	+11253.00	8692.00	2561.00	0.00
X055	CTG 105MM HT M341	267.30	12.31	12.31	BURNING(D)	9236	LX	+1262.00	4910.00	3279.00	6927.00
X269	AIUT CTL ACT	152.45	1219.50	1219.50	BURNING(D)	304976	AN	+314864.00	6838.00	308026.00	0.00
X259	CUMP B RECLHC	202.90	8.82	8.82	BURNING(D)	405600	CR	+13502.00	0.00	13502.00	0.00

TOTAL TONNAGE BY DEMIL METHOD = 1913.86

986.48

5285.62

918.19

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TOTAL NC. OF SHIFTS BY METHOD = 329.38

219.10

1183.94

1259.99

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DEMIL ALLOCATION AND ACTIVITY COST DATA

PAGE 11

DEMIL LOCATION IS EARLE

DATE: 04/19/77

DDIC	DESCRIPTION	TONNAGE	NUMBER OF SHIFTS	DEMIL METHOD	ALLOCATION INV	NET DIRECT COST	TRANSPORTATION COST	PROCESS COST	RECLAMATION VALUE
X001	CTC CAL 50 API M3	645.52	48.39	FURNACE (A)	3808440	-228997.00	13220.00	33895.00	276112.00

TOTAL TONNAGE BY DEMIL METHOD	645.52	DEMIL	3808440	NET DIRECT	-228997.00	TRANSPORTATION	13220.00	PROCESS	33895.00	RECLAMATION	276112.00
TOTAL NO. OF SHIFTS BY METHOD	48.39										

DEMIL ALLOCATION AND ACTIVITY COST DATA

DEMIL LOCATION IS HAWTHORNE

DATE: 04/10/77

DDIC	HLN ENCLATURE	TUNNAGE	NUMBER OF SHIFTS	DEMIL METHOD	ALLOCATION INV	QUANTITY	ORIG	NET DIRECT COST	TRANSPORTATION COST	PROCESS COST	RECLAMATION VALUE
X227	BATT CMPRT, LDD	190.62	0.01	FURNACE(A)	184	HA		-993.00	0.00	1.00	994.00
X148	FUZE, MK 230-4	49.63	0.26	FURNACE(A)	6616	HA		-14408.00	0.00	350.00	14758.00
X262	FZ PT DET	49.63	1.07	FURNACE(A)	25794	SP		-7646.00	660.00	77.00	8383.00
X044	CTG, 20MM LKD	58.76	3.72	FURNACE(A)	148752	SR		-36332.00	781.00	298.00	37411.00
X037	CTG, 20MM H97	54.66	4.61	FURNACE(A)	192421	HA		-19652.00	0.00	385.00	20237.00
X009	CTG, 20MM H97	54.66	5.46	FURNACE(A)	218282	HA		-22513.00	0.00	437.00	22950.00
X010	CTG, 20MM H95	65.10	7.46	FURNACE(A)	298530	HA		-34468.00	0.00	597.00	35065.00
X038	CTG, 20MM H96	52.66	6.13	FURNACE(A)	325200	HA		-40816.00	0.00	650.00	41466.00
X041	CTG 7.62MM BALL TR	53.81	22.42	FURNACE(A)	1076174	SR		-20657.00	716.00	1722.00	23095.00
X029	CTG, 20MM H96	304.19	27.16	FURNACE(A)	1086404	HA		-136354.00	0.00	2173.00	138527.00
X036	CTG CAL 50 API M8	232.40	28.34	FURNACE(A)	1133650	SR		-77285.00	3091.00	1814.00	82190.00
X011	CTG 20MM AP-T M95	346.99	33.06	FURNACE(A)	1323293	HA		-303960.00	0.00	2647.00	306607.00
X013	CTG, 20MM H96	1873.76	167.30	FURNACE(A)	6691995	HA		-839712.00	0.00	13384.00	853296.00
X031	CTG, 30 BALL M2	210.16	145.95	FURNACE(A)	7005500	HA		-35027.00	0.00	11209.00	46236.00
X147	HMB, DEPTH MK 5	276.34	70.21	WASHOUT(B)	1685	HA		-96567.00	0.00	9436.00	106003.00
X212	KT TY21	44.82	8.49	WASHOUT(B)	1698	MC		-1547.00	5642.00	1051.00	5146.00
X105	PROJECTILE, 155	98.67	3.70	WASHOUT(B)	1923	HA		-2914.00	0.00	8045.00	10959.00
X095	CARTRIDGE, 90 MI	46.11	5.56	WASHOUT(B)	2222	HA		-7406.00	0.00	1238.00	8644.00
X157	BOMB, GP, MK 82-1	680.13	65.43	WASHOUT(B)	2748	MC		-48813.00	85611.00	8972.00	143396.00
X103	PROJECTILE AND	168.60	8.54	WASHOUT(B)	3414	HA		-46850.00	0.00	1902.00	48752.00
X190	HD, ART 5.00 HE	98.88	3.63	WASHOUT(B)	3829	HA		-2583.00	0.00	12494.00	9511.00
X088	PROJECTILE AND	307.87	14.35	WASHOUT(B)	5736	HA		-78743.00	0.00	3196.00	81939.00
X086	PROJ/CHG 120MM	347.38	15.79	WASHOUT(B)	6316	HA		-86674.00	0.00	3518.00	90192.00
X183	WHD 10	48.53	8.20	WASHOUT(B)	6828	MC		-4758.00	12402.00	1562.00	18722.00
X083	PROJECTILE AND	356.20	22.68	WASHOUT(B)	9070	HA		-124466.00	0.00	5052.00	129520.00
X236	CASE, OC, LDU 8-0	1521.63	70.12	WASHOUT(B)	9817	HA		-509721.00	0.00	203386.00	713107.00
X238	JC, HEAT, 2 MK4	461.13	106.04	WASHOUT(B)	14845	HA		-100352.00	0.00	10095.00	110447.00
X233	WHD, CC, MK 4-U, 3	406.54	107.75	WASHOUT(B)	15065	HA		-107948.00	0.00	10258.00	118206.00
X181	WHD, ART 5.00 HE	356.72	18.65	WASHOUT(B)	15706	HA		-35420.00	0.00	3554.00	39014.00
X094	PROJ/CHG 120MM	940.20	44.40	WASHOUT(B)	17758	HA		-243693.00	0.00	9891.00	253584.00
X205	WHD 10	273.76	21.74	WASHOUT(B)	18112	MC		-11059.00	34460.00	4144.00	49663.00
X087	PROJ/CHG 120MM	1147.79	54.45	WASHOUT(B)	21778	HA		-298860.00	0.00	12130.00	310990.00
X188	HD, ART 5.00 HE	631.52	24.45	WASHOUT(B)	24454	HA		-19051.00	0.00	79754.00	60743.00
X200	ROCKET, HEAT, 3.5	246.46	91.69	WASHOUT(B)	55014	HA		-3123.00	0.00	15129.00	12006.00
X141	PROJECTILE, 155	3870.23	157.35	WASHOUT(B)	81823	HA		-131782.00	0.00	21110.00	152892.00
X223	CASE 25	403.42	9.20	DETUNATION(C)	460	HA		-13342.00	0.00	13342.00	0.00
X152	DISP, CBU-6373	216.56	5.25	DETUNATION(C)	525	CR		-35612.00	38102.00	2855.00	5145.00
X149	DISP/CHG CBU 15	420.75	11.22	DETUNATION(C)	1122	HA		-6689.00	0.00	6102.00	12791.00
X216	FINE AT M15	45.50	1.86	DETUNATION(C)	1860	PU		-2523.00	2356.00	167.00	0.00
X129	PROJECTILE, 155	111.25	3.00	DETUNATION(C)	2247	HA		-3802.00	0.00	3802.00	0.00
X149	DISP/CHG CBU 15	1035.75	27.62	DETUNATION(C)	2762	MC		-113909.00	130375.00	15021.00	31487.00

DEMIL ALLOCATION AND ACTIVITY CUST DATA

DEMIL LOCATION IS HAWTHORNE

DATE: 04/19/77

DDIC	NUMENCLATURE	TONNAGE	NUMBER OF SHIFTS	DEMIL METHOD	ALLOCATION QUANTITY	INV COST	NET DIRECT COST	TRANSPORTATION COST	PROCESS COST	RECLAMATION VALUE
X224	CASE 25 1	4534.09	103.40	DETUNATION(C)	5170	HA	+149955.00	0.00	149955.00	C.CC
X237	CASE,OC,LOD 9-4	1094.62	41.70	DETUNATION(C)	6255	HA	+3734.00	0.00	3734.00	0.00
X193	RT TY22	46.77	1.81	BURNING(D)	1813	HA	+327.00	0.00	751.00	424.00
X139	PROJ,91M AP,20	238.29	6.11	BURNING(D)	1833	HA	-1438.00	0.00	8861.00	10299.00
X165	CLUSTER,CHM AGT	46.76	9.35	BURNING(D)	1990	HA	+396.00	0.00	5411.00	5015.00
X244	AR CAS ICSE MI	116.93	14.17	BURNING(D)	2126	HA	+7930.00	0.00	7930.00	0.00
X137	PROJ S-AY,5/25	76.30	3.55	BURNING(D)	2839	HA	+3860.00	0.00	3860.00	0.00
X124	PROJ S-AY,5/25	156.99	10.43	BURNING(D)	8343	HA	+11343.00	0.00	11343.00	0.00
X066	CTG 75MM SAK MP	152.60	10.86	BURNING(D)	8478	UM	+6668.00	9858.00	1895.00	4885.00
X196	KAT METD4,5-00	366.89	168.01	BURNING(D)	84004	HA	+125281.00	0.00	182739.00	57458.00
X261	HBA-1,GRU B	48.65	1.62	BURNING(D)	97310	HA	+2058.00	0.00	2058.00	0.00
X179	ROCKET,SMKE,3.	445.17	177.44	BURNING(D)	99369	HA	+18062.00	0.00	39748.00	21686.00
X258	TNT,TV 1	55.03	1.83	BURNING(D)	110055	HA	+2328.00	0.00	2328.00	0.00
X266	BUUSTER,M21A4	72.00	2.70	BURNING(D)	199995	MC	-977.00	9063.00	1960.00	12000.00
X255	COMP A3,RECLMD	540.65	18.02	BURNING(D)	1081298	HA	+22869.00	0.00	22869.00	0.00

TOTAL TONNAGE BY DEMIL METHOD =	3714.82	7861.94	TOTAL	\$2984252.00-	TOTAL	\$333117.00	TOTAL	\$948472.00	TOTAL	\$4285841.00
TOTAL NO. OF SHIFTS BY METHOD =	455.19	12499.62	5696.93	426.50						
		923.62	203.25							

DEMIL ALLOCATION AND ACTIVITY COST DATA

DEMIL LOCATION IS MCALESTER

DATE: 04/19/77

DDIC	DESCRIPTION	TONNAGE	NO. OF SHIFTS	DEMIL METHOD	ALLOCATION INVT	NET DIRECT COST	TRANSPORTATION COST	PROCESS COST	RECLAMATION VALUE
X198	IGNR 118 1	105.37	0.47	FURNACE(A)	17561	MC	0.00	696.00	158.00
X199	IGNR 118 2	199.77	0.89	FURNACE(A)	33295	MC	0.00	1319.00	300.00
X197	IGNR 117 2	561.62	2.58	FURNACE(A)	98936	MC	0.00	3840.00	872.00
X210	IGNR 120	736.25	3.27	FURNACE(A)	122705	MC	0.00	4860.00	1104.00
X018	CTG-50 TR M17	149.18	18.06	FURNACE(A)	1195450	MC	0.00	119.00	35410.00
X032	CTG-30 TRA M25	45.80	15.27	FURNACE(A)	1528700	MC	0.00	1069.00	10611.00
X015	CTG-50 AP M2	1276.26	148.98	FURNACE(A)	9832760	MC	0.00	983.00	825952.00
X114	PRUJ, 8/55 HC	57.80	1.51	WASHOUT(B)	454	MC	0.00	1998.00	6289.00
X114	PRUJ, 8/55 HC	59.71	1.56	WASHOUT(B)	469	CR	0.00	2064.00	6497.00
X125	PRUJ, 5 AV, 8/55	125.96	3.25	WASHOUT(B)	976	MC	0.00	4295.00	13521.00
X135	PRUJ, 6/47 AP	130.91	2.52	WASHOUT(B)	2014	MC	0.00	1031.00	5284.00
X132	PRUJ, 6/47 AP	133.44	2.57	WASHOUT(B)	2053	MC	0.00	1051.00	5386.00
X134	PRUJ, 6/47 AP	146.38	2.82	WASHOUT(B)	2252	MC	0.00	1153.00	5508.00
X192	WHD, 4KT 5.00 HE	63.49	4.00	WASHOUT(B)	3203	CR	5203.00	7929.00	7956.00
X131	PRUJ, 6/47 AP	210.08	4.04	WASHOUT(B)	3232	MC	0.00	1655.00	8479.00
X084	PRUJ/CHG 120MH	153.29	3.13	WASHOUT(B)	3439	CA	9553.00	6192.00	49109.00
X090	CTG 3/50	69.74	3.73	WASHOUT(B)	5602	YT	8567.00	7396.00	33836.00
X089	CTG 3/50	81.65	4.37	WASHOUT(B)	6558	YT	10029.00	8659.00	39810.00
X069	CART, IDGE, 90 HI	143.18	4.61	WASHOUT(B)	6912	MC	0.00	9126.00	20579.00
X101	PROJECTILE AND	297.42	6.35	WASHOUT(B)	6985	MC	0.00	12576.00	99746.00
X084	PRUJ/CHG 120MH	347.95	7.10	WASHOUT(B)	7806	HA	43798.00	14054.00	111470.00
X083	PROJECTILE AND	461.06	13.54	WASHOUT(B)	10828	MC	0.00	5544.00	154624.00
X096	PROJECTILE AND	297.64	10.30	WASHOUT(B)	11328	MC	0.00	20395.00	160992.00
X061	PRUJ, 5A, 120MH	357.54	13.15	WASHOUT(B)	14468	MC	0.00	26049.00	206603.00
X047	CIV, 40MM, 1E1-T MK1	66.50	2.31	WASHOUT(B)	18471	RR	1434.00	4573.00	20555.00
X128	PROJECTILE, 155	930.80	24.60	WASHOUT(B)	19680	MC	0.00	10076.00	36773.00
X057	PRUJ, 90MM, HE A3	962.05	64.14	WASHOUT(B)	96205	MC	0.00	127021.00	374237.00
X106	CHG, PRUP, 8 IN, M2	160.61	28.84	BURNING(D)	5450	RR	3464.00	1777.00	1831.00
X098	CTG 90MM M431 HT-T	216.12	16.31	BURNING(D)	7928	RR	4661.00	3766.00	4044.00
X207	RM 22 0	162.77	1.54	BURNING(D)	37033	MC	0.00	1274.00	156.00
X171	GRENADE, RIFLE	63.35	81.21	BURNING(D)	81213	CR	3548.00	4061.00	0.00
X253	6/47 SPD	44.32	3.69	BURNING(D)	88632	MC	0.00	213.00	0.00
X179	KICKET, PRACTICE	473.11	88.01	BURNING(D)	105606	MC	0.00	21332.00	23047.00
X209	PRSP GR 18 0	3300.00	122.22	BURNING(D)	275000	MC	0.00	141202.00	0.00

TOTAL TONNAGE BY DEMIL METHOD = 3096.25

TOTAL NO. OF SHIFTS BY METHOD = 189.54

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341.82

5096.65

18

DENIL ALLOCATION AND ACTIVITY COST DATA

DATE: 04/19/77

DENIL LOCATION IS SEAL BEACH

DODIC	DESCRIPTION	TORRAGE	NUMBER OF SHIFTS	DENIL METHOD	ALLOCATION INVT	QUANTITY	INVT	NET DIRECT COST	TRANSPORTATION COST	PROCESS COST	RECLAMATION VALUE
X065	CARTRIDGE, 90 MI	59.53	6.91	BURNING (D)	2832	HA	-2345.00	4151.00	1971.00	8467.00	
X075	CARTRIDGE, 4.2 I	99.89	12.74	BURNING (D)	8440	CR	-27927.00	20468.00	3435.00	51830.00	
X056	CTG 4.2 IN M2 SR M	252.11	19.18	BURNING (D)	13446	LX	-24887.00	52212.00	5473.00	82572.00	
X179	RDCNET, SHIRE, 3.	550.94	92.77	BURNING (D)	131915	MC	+95752.00	98026.00	26515.00	28789.00	
X008	CTG, 20MM HET	45.17	4.16	BURNING (D)	158505	HA	-12326.00	3150.00	1189.00	16665.00	
X024	CTG, 20MM HET	49.90	4.60	BURNING (D)	175103	HA	-13617.00	3480.00	1313.00	18410.00	
X023	CTG, 20MM HET-DI	55.30	5.09	BURNING (D)	194019	MC	-9772.00	9172.00	1455.00	20399.00	
X142	CHG SUPP (AI CASE)	46.20	1.46	BURNING (D)	196614	FW	+3316.00	2523.00	393.00	0.00	
X043	CTG, 20MM LNK	56.50	5.43	BURNING (D)	206470	HA	-20695.00	4107.00	1550.00	26352.00	
X012	CTG, 20MM LNK	76.00	7.12	BURNING (D)	271417	HA	-27273.00	5299.00	2036.00	34608.00	
X025	CTG, 20MM HET	116.37	10.72	BURNING (D)	408318	HA	-31754.00	8115.00	3062.00	42931.00	
X007	PRGJ 20MM SA	65.40	13.22	BURNING (D)	503650	MC	-38319.00	10661.00	3778.00	52958.00	
X025	CTG, 20MM HET	128.45	15.52	BURNING (D)	591060	MC	-29770.00	27941.00	4433.00	62144.00	
X234	3STR, AUX, DC 2-0	225.25	25.20	BURNING (D)	1344270	CR	+34764.00	48206.00	67214.00	80656.00	
X024	CTG, 20MM HET	732.11	67.43	BURNING (D)	2558808	MC	-129383.00	121435.00	19266.00	270084.00	
X028	CTG, 20MM HE	1090.77	100.47	BURNING (D)	3827268	MC	-192768.00	180926.00	28705.00	402399.00	

TOTAL TONNAGE BY DENIL METHOD =	.00	TOTAL	\$427004.00-	TOTAL	\$600472.00	TOTAL	\$171788.00	TOTAL	\$1199264.00
TOTAL NO. OF SHIFTS BY METHOD =	.00		3742.41						
	.00		391.34						

DEMIL ALLOCATION AND ACTIVITY COST DATA

DATE: 04/19/77

DEMIL LOCATION IS YORKTOWN

DUIC	N. MENCLATURE	TONNAGE	NUMBER OF SHIFTS	DEMIL METHOD	ALLOCATION QUANTITY	INV ORIG	NET DIRECT COST	TRANSPORTATION COST	PROCESS COST	RECLAMATION VALUE
X250	FLARE A/C 45-0	86.38	17.69	BURNING(D)	5890	CR	+6134.00	6487.00	595.00	948.00
X164	FUZE MK 544-U	43.29	2.00	BURNING(D)	19951	EA	-4113.00	1493.00	379.00	5985.00
X263	FZ PJ 27 0	148.51	118.01	BURNING(D)	1138097	MC	-345316.00	18242.00	22574.00	386132.00

TOTAL TONNAGE BY DEMIL METHOD =	.00	.00	.00	.00	TOTAL	TOTAL	TOTAL	TOTAL	TOTAL
TOTAL NU. OF SHIFTS BY METHOD =	.00	.00	.00	.00	\$343295.00-	\$26222.00	\$23548.00	\$393065.00	

DEMIL ALLOCATION AND ACTIVITY COST DATA

DATE: 04/19/77

DEMIL LOCATION IS NEWPORT NTS

DDIC	NUMENCLATURE	TONNAGE	NO OF SHIFTS	DEMIL METHOD	ALLLOCATION INV	NET DIRECT	TRANSPORTATION	PROCESS	RECLAMATION
					QUANTITY	COST	COST	COST	VALUE
X014	CTG CAL 30 AP API	54.45	27.22	FURNACE(A)	1361150	SR	3621.00	272.00	19873.00
X022	CTG 30 LINKED	49.11	32.78	FURNACE(A)	1639108	KE	0.00	328.00	23932.00
X033	CTG 7.62MM 4 BALL	359.15	143.68	FURNACE(A)	7183300	UM	12045.00	1437.00	154164.00
X035	CTG 7.62MM 4 BALL	114.96	459.84	FURNACE(A)	22992192	UM	3855.00	4598.00	364656.00
X089	CTG 3/50	81.50	6.81	WASHOUT(B)	6546	HA	6991.00	1244.00	39538.00
X089	CTG 3/50	81.10	7.28	WASHOUT(B)	6596	SA	10244.00	1329.00	42256.00
X082	CTG 3/50 VT	129.89	10.75	WASHOUT(B)	10334	HA	11126.00	1963.00	62417.00
X090	CTG 3/50	217.90	15.21	WASHOUT(B)	17502	HA	18693.00	3325.00	105712.00
X118	PROJ. 16/50 AP	45.90	1.13	ETCHING(C)	34	KE	0.00	1142.00	0.00
X119	PROJ. 16/50 AP	75.60	1.87	ETCHING(C)	56	KE	0.00	1882.00	0.00
X123	CHG. KUP 16/50	70.52	20.05	BURNING(D)	421	KE	0.00	1579.00	0.00

TOTAL TONNAGE BY DEMIL METHOD =	577.78	121.50	70.52	TOTAL	\$19099.00	TOTAL	\$812548.00
TOTAL NO. OF SHIFTS BY METHOD =	663.52	3.00	20.05	TOTAL	\$6575.00	TOTAL	\$812548.00

DEMIL LOCATION IS CHARLESTON

DATE: 04/19/77

DUPLICATE	MINIENCLATURE	TUNNAGE	NUMBER OF SHIFTS	DEMIL METHOD	QUANTITY	NET DIRECT COST	TRANSPORTATION COST	PROCESS COST	RECLAMATION VALUE
X250	COMP A3	277.41	138.71	BURNING(D)	554830	MC	28753.00	5437.00	0.00
X259	COMP A, RECLMO	416.33	208.16	BURNING(D)	832655	MC	43150.00	8160.00	0.00
TOTAL TUNNAGE BY DEMIL METHOD =					.00		TOTAL	TOTAL	TOTAL
TOTAL NO. OF SHIFTS BY METHOD =					.00		\$85500.00	\$13597.00	\$0.00
					.00		693.74		
					.00		348.67		

DEMIL ALLOCATION AND ACTIVITY COST DATA

DATE: 04/19/77

DEMIL LOCATION IS DUMMY FACILITY

DDIC	NOMENCLATURE	TONNAGE	NUMBER OF SHIFTS	DEMIL METHOD	QUANTITY	NET DIRECT COST	TRANSPORTATION COST	PROCESS COST	RECLAMATION VALUE
X005	MISC	0.01	0.00	FURNACE(A)	16	SV	0.00	0.00	0.00
X217	UMH 40 25 1	61.34	0.00	FURNACE(A)	87	CH	0.00	0.00	0.00
X225	CASE 36 2	75.28	0.00	FURNACE(A)	161	VT	0.00	0.00	0.00
X268	GUIDED MISSILE	139.21	0.00	FURNACE(A)	215	SE	0.00	0.00	0.00
X143	PROJ 16/50 HC	254.60	0.00	FURNACE(A)	268	KE	0.00	0.00	0.00
X140	PROJ 16/50 AP	573.75	0.00	FURNACE(A)	425	KE	0.00	0.00	0.00
X225	CASE 36 2	203.49	0.00	FURNACE(A)	476	HA	0.00	0.00	0.00
X269	MRO 31GM-3228-40	144.00	0.00	FURNACE(A)	480	PU	0.00	0.00	0.00
X120	PROJ 16/50 AP	611.50	0.00	FURNACE(A)	490	KE	0.00	0.00	0.00
X272	PROJ 16/50 AP	59.50	0.00	FURNACE(A)	639	PU	0.00	0.00	0.00
X160	DISP E BR AC CBU	464.70	0.00	FURNACE(A)	691	FW	0.00	0.00	0.00
X172	BULLPUP MISSILE	136.00	0.00	FURNACE(A)	695	LK	0.00	0.00	0.00
X117	PROJ 16/50 HC	767.05	0.00	FURNACE(A)	829	KE	0.00	0.00	0.00
X202	WRHD SEC/H41	766.30	0.00	FURNACE(A)	872	SR	0.00	0.00	0.00
X167	DISP E BR AC CBU	757.39	0.00	FURNACE(A)	1125	TE	0.00	0.00	0.00
X225	CASE 36 2	573.34	0.00	FURNACE(A)	1309	CR	0.00	0.00	0.00
X245	CRESYLIC ACID	343.20	0.00	FURNACE(A)	1320	CH	0.00	0.00	0.00
X242	CLUST, PRUJ 14-0	44.43	0.00	FURNACE(A)	1367	CH	0.00	0.00	0.00
X136	PROJ 16/50 HC	40.31	0.00	FURNACE(A)	1512	CD	0.00	0.00	0.00
X211	WRHD SEC/H44	1322.70	0.00	FURNACE(A)	1628	SR	0.00	0.00	0.00
X139	PROJ 5 AV, 16/50	2231.55	0.00	FURNACE(A)	1653	KE	0.00	0.00	0.00
X091	CTG AVT 34	44.13	0.00	FURNACE(A)	2408	HA	0.00	0.00	0.00
X271	ATL CNTR BULLPUP	493.31	0.00	FURNACE(A)	2905	SR	0.00	0.00	0.00
X242	CLUST, PRUJ 14-0	116.77	0.00	FURNACE(A)	3593	HA	0.00	0.00	0.00
X194	CM 3	62.04	0.00	FURNACE(A)	3818	MC	0.00	0.00	0.00
X099	CTG 105MM SM WP-TH	166.20	0.00	FURNACE(A)	4854	SV	0.00	0.00	0.00
X051	CTG 76MM FE	120.57	0.00	FURNACE(A)	5674	SV	0.00	0.00	0.00
X195	CM 4	53.65	0.00	FURNACE(A)	6072	MC	0.00	0.00	0.00
X048	LAUN E CTG RIUT CT	193.22	0.00	FURNACE(A)	6174	SR	0.00	0.00	0.00
X144	ADAPTER CLUSTER BM	573.72	0.00	FURNACE(A)	6675	SV	0.00	0.00	0.00
X270	CNTN AGM-12C CNT S	147.01	0.00	FURNACE(A)	7014	SR	0.00	0.00	0.00
X051	CTG 76MM FE	150.47	0.00	FURNACE(A)	7081	NV	0.00	0.00	0.00
X247	SMK FS MIX	68.00	0.00	FURNACE(A)	8500	CH	0.00	0.00	0.00
X002	MISC SMALL ARMS	1.64	0.00	FURNACE(A)	12164	SV	0.00	0.00	0.00
X156	DISP E BR ACFT CB	10472.60	0.00	FURNACE(A)	16376	SR	0.00	0.00	0.00
X235	FUEZ JC, MK 177	45.16	0.00	FURNACE(A)	24023	EA	0.00	0.00	0.00
X206	PREP GR 24 1	66.32	0.00	FURNACE(A)	32830	AC	0.00	0.00	0.00
X247	SMK FS MIX	348.00	0.00	FURNACE(A)	43500	HA	0.00	0.00	0.00
X079	PROJ 75MM WP	344.29	0.00	FURNACE(A)	49840	LK	0.00	0.00	0.00
X204	PRUP GR 21 2	331.94	0.00	FURNACE(A)	64330	MC	0.00	0.00	0.00
X002	MISC SMALL ARMS	11.72	0.00	FURNACE(A)	86846	LX	0.00	0.00	0.00

DEMIL LOCATION IS DUMMY FACILITY

DATE: 04/19/77

QUOTID	DESCRIPTION	TUNAGE	QUANTITY	UNIT	PRICE	AMOUNT	TAX	TOTAL	REMARKS
X039	CTG 20MM TP LCR 25	40.25	1	CTG	40.25	40.25	0.00	40.25	
X254	EXP 1/4 SPU	60.00	1	EXP	60.00	60.00	0.00	60.00	
X257	EXP 1/4 SPU	61.25	1	EXP	61.25	61.25	0.00	61.25	
X235	FUZER C, 1/4 177	245.00	1	FUZ	245.00	245.00	0.00	245.00	
X235	FUZER C, 1/4 177	245.44	1	FUZ	245.44	245.44	0.00	245.44	
X265	QUISER 12144	55.50	1	QUIS	55.50	55.50	0.00	55.50	
X265	QUISER 12144	177.26	1	QUIS	177.26	177.26	0.00	177.26	
X265	QUISER 12144	99.50	1	QUIS	99.50	99.50	0.00	99.50	
X221	CTG CAL 50 API M3	56.30	1	CTG	56.30	56.30	0.00	56.30	
X247	SHK 15 MIX	2304.00	1	SHK	2304.00	2304.00	0.00	2304.00	
X016	CTG CAL 50 API	62.29	1	CTG	62.29	62.29	0.00	62.29	
X230	CTG 20MM LKQ 4HEI	154.40	1	CTG	154.40	154.40	0.00	154.40	
X265	QUISER 12144	267.67	1	QUIS	267.67	267.67	0.00	267.67	
X005	MISC	542.41	1	MISC	542.41	542.41	0.00	542.41	
X112	MISC	115.10	1	MISC	115.10	115.10	0.00	115.10	
X027	CTG CAL 50 API LKQ	328.30	1	CTG	328.30	328.30	0.00	328.30	
X033	CTG CAL 7.62MM BAL	93.30	1	CTG	93.30	93.30	0.00	93.30	
X042	CTG CAL 50 API M3	548.71	1	CTG	548.71	548.71	0.00	548.71	
X042	CTG 7.62MM 4E/LTR	200.00	1	CTG	200.00	200.00	0.00	200.00	
X040	CTG 300 LINKED	133.51	1	CTG	133.51	133.51	0.00	133.51	
X040	CTG 300 LINKED	218.53	1	CTG	218.53	218.53	0.00	218.53	
X268	MISC SPALL ARMS	42.00	1	MISC	42.00	42.00	0.00	42.00	
X166	QUISER 12144	114.90	1	QUIS	114.90	114.90	0.00	114.90	
X231	CTG 20MM LKQ 4HEI	90.35	1	CTG	90.35	90.35	0.00	90.35	
X159	QUISER 12144	60.10	1	QUIS	60.10	60.10	0.00	60.10	
X159	QUISER 12144	65.75	1	QUIS	65.75	65.75	0.00	65.75	
X163	QUISER 12144	218.24	1	QUIS	218.24	218.24	0.00	218.24	
X161	QUISER 12144	301.30	1	QUIS	301.30	301.30	0.00	301.30	
X235	CTG 20MM LKQ 4HEI	221.92	1	CTG	221.92	221.92	0.00	221.92	
X048	CTG 76MM SMK WP M3	73.30	1	CTG	73.30	73.30	0.00	73.30	
X104	PRJG 175MM HE 16437	259.20	1	PRJG	259.20	259.20	0.00	259.20	
X051	CTG 76MM HE 16437	162.01	1	CTG	162.01	162.01	0.00	162.01	
X049	CTG 76MM HE 16437	177.50	1	CTG	177.50	177.50	0.00	177.50	
X167	QUISER 12144	741.00	1	QUIS	741.00	741.00	0.00	741.00	
X067	CTG 76MM HE 16437	261.40	1	CTG	261.40	261.40	0.00	261.40	
X050	CTG 76MM HE 16437	311.94	1	CTG	311.94	311.94	0.00	311.94	
X059	PRJG 175MM HE 16437	244.25	1	PRJG	244.25	244.25	0.00	244.25	
X078	CTG 76MM HE 16437	324.37	1	CTG	324.37	324.37	0.00	324.37	
X050	CTG 76MM HE 16437	1200.00	1	CTG	1200.00	1200.00	0.00	1200.00	

DATE: 04/19/77

DEMIL ALLOCATION AND ACTIVITY COST DATA

GRAND TOTALS FOR DEMIL LOCATIONS

	FURNACE	WASHLUT	DETONATION	BURNING
GRAND TOTAL TRENCH BY DEMIL METHOD	10300.00	41131.00	13174.00	25272.00
GRAND TOTAL NETCOST BY DEMIL METHOD	\$3893642.00-	\$5379028.00-	\$657950.00	\$27462.00
GRAND TOTAL TRANS COST BY DEMIL METHOD	\$47947.00	\$783019.00	\$317056.00	\$1094683.00
GRAND TOTAL PROCESS COST BY DEMIL METHOD	\$491430.00	\$2596161.00	\$402235.00	\$1525926.00
GRAND TOTAL NETCL VALUE BY DEMIL METHOD	\$4433019.00	\$8758266.00	\$61341.00	\$2593147.00

APPENDIX B

PART 5

ITEM RANKING BY GREATEST DIRECT PAYBACK
(5-YR TIME LIMIT)

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LEAST-COST ANALYSIS
(5-YR TIME LIMIT)

ITEM RANKING BY GREATEST DIRECT PAYBACK
(PAYBACK OVER \$ 100,000)

<u>ITEM</u>	<u>DEMIL SITE</u>	<u>INVENTORY SITE</u>	<u>DIRECT PAYBACK</u>
CTG. 20mm M96	HAWTHORNE	SAME	839,910
CTG. .50 AP M2	MC ALESTER	SAME	824,970
CASE, DC, LDD 8-0	HAWTHORNE	SAME	509,720
CTG 7.62mm 4-Ball (A127)	KEYPORT	UMATILLA	356,200
FZ, PD, 27-0	YORKTOWN	MC ALESTER	345,320
CTG, 7.62mm Ball TR	RED RIVER	SAME	345,160
CTG 20mm AP-T M95	HAWTHORNE	SAME	303,960
PROJ/CHG 120mm (C804)	HAWTHORNE	SAME	298,860
Bomb Depth MK5	CRANE	SAME	279,010
Projectile And (C807)	LEX-BLUGRASS	CRANE	250,120
Proj. 90mm, HE, A3	MC ALESTER	SAME	247,220
Proj/Chg 120mm (C802)	HAWTHORNE	SAME	243,690
CTG CAL 50 API M8	EARLE	LETTERKENNY	229,000
Proj 3/50 AP	RED RIVER	CRANE	222,810
Projectile And (C807)	TOOELE	HAWTHORNE	217,550
Proj/Chg 120mm (C802)	CRANE	SAME	202,890
CTG 20mm HE	SEAL BEACH	MC ALESTER	192,770
Proj, SA 120mm	MC ALESTER	SAME	180,550
CTG 20mm HE	CRANE	SAME	156,720
Projectile And (C801)	TOOELE	HAWTHORNE	154,240
Projectile And (C800)	MC ALESTER	SAME	149,080
Bomb GP MK 82-1	CRANE	SAME	142,770

ITEM RANKING BY GREATEST DIRECT PAYBACK CON'T

<u>ITEM</u>	<u>DEMIL SITE</u>	<u>INVENTORY SITE</u>	<u>DIRECT PAYBACK</u>
CTG 105mm HE M323	LEX-BLUGRASS	SAME	141,200
CTG 7.62mm 4-Ball (A131)	KEYPORT	UMATILLA	140,680
Projectile And (C807)	MC ALESTER	SAME	140,600
CTG 20mm M96 (A776)	HAWTHORNE	SAME	136,350
Projectile 155	HAWTHORNE	SAME	131,780
CTG 20mm HET (A745)	SEAL BEACH	MC ALESTER	129,380
Proj/Chg 120mm (C804)	CRANE	SAME	127,190
Projectile And	HAWTHORNE	SAME	124,470
DC HE 7.2 MK4	CRANE	SAME	120,920
CASE 18-0	TOOELE	HAWTHORNE	119,350
Proj SA 120mm	RED RIVER	MC ALESTER	108,130
WHD, DC, MK 4-0, 3	HAWTHORNE	SAME	107,950
DC, HE, 7.2 MK4	HAWTHORNE	SAME	100,350

ECONOMIC ANALYSIS
FOR
DEMILITARIZATION AND DISPOSAL

APPENDIX C

SUMMARY RESULT TABLES

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TABLE C.1 ON-SITE ANALYSIS DATA SUMMARY

SITE ¹	TONNAGE TO BE DEMILLED ²	DEMIL PROCESSING COST (\$)	(IN THOUSANDS)					NET DIRECT COST ⁶ (\$)	NET COST AVOIDANCE ⁷ (\$)
			RECLAMATION VALUE (\$)	STORAGE SPACE RELEASED ³ (SQ. FT.)	ANNUAL PROCES- SING AND STOR- AGE COST ⁴ (\$)	VALUE OF STOR- AGE SPACE RELEASED ⁵ (\$)			
ANNISTON	.439	633.1	2.0	3.4	5.6	109.1	631.1	-516.5	
LETTERKENNY	1.013	127.0	276.1	7.9	12.8	252.2	-149.1	414.1	
PUEBLO	.046	2.6	0.0	0.4	0.6	11.3	2.6	9.3	
RED RIVER	.545	44.0	375.2	4.2	6.9	135.5	-331.2	473.6	
TOOELE	.255	9.1	5.0	2.0	3.2	63.4	4.1	62.5	
FORT WINGATE	.047	4.9	0.0	0.4	0.6	11.6	4.9	7.3	
SAVANNA	.046	5.2	19.0	0.4	0.6	11.4	-13.8	25.8	
SIERRA	.520	96.2	196.0	4.1	6.6	129.3	-99.7	235.6	
UMATILLA	.646	356.3	520.1	5.0	8.2	160.8	-163.7	332.7	
NAVAJO	.443	33.9	55.1	3.5	5.6	110.1	-21.2	136.9	
SENECA	.043	7.8	1.3	0.3	0.5	10.6	6.5	4.6	
LEX-BLUEGRASS	2.023	701.4	209.9	15.8	25.6	503.4	491.5	37.6	
CRANE	16.144	4196.1	3319.0	125.9	204.6	4017.6	877.1	3345.1	
EARLE	.098	54.6	6.8	0.8	1.2	24.5	47.8	-22.1	
HAWTHORNE	38.186	3430.0	5845.2	297.9	483.9	9502.5	-2415.3	12401.6	
MCALESTER	27.281	6190.1	3870.3	212.8	345.7	6788.7	2319.7	4814.6	
SEAL BEACH	.310	34.1	27.6	2.4	3.9	77.1	6.5	74.5	
YORKTOWN	.428	186.3	47.9	3.3	5.4	106.6	138.4	-26.4	
KEYPORT	.313	29.3	23.9	2.4	4.0	77.8	5.3	76.5	
TOTALS	88.826	16142.0	14800.4	692.9	1125.5	22103.5	1341.5	21887.3	

¹LOCATION OF INVENTORY AND THE SITE OF DEMIL/DISPOSAL²TOTAL WEIGHT OF ALL ITEMS IN THE INVENTORY FOR DEMIL/DISPOSAL³BASED ON STORAGE DENSITY OF 7.8 SQ. FT./TON⁴COST FOR SURVEILLANCE AND INSPECTION OF DEMIL INVENTORY; \$12.67/TON⁵BASED ON VALUE OF \$31.90/SQ. FT.⁶DEMIL PROCESSING COST MINUS RECLAMATION VALUE⁷RECLAMATION VALUE PLUS VALUE OF STORAGE SPACE RELEASED PLUS ANNUAL PROCESSING AND STORAGE COST MINUS DEMIL PROCESSING COST

TABLE C.2 LEAST-COST ANALYSIS (50-YR TIME LIMIT) DATA SUMMARY

DEMIL/DISPOSAL SITE ¹	TONNAGE TO BE DEMILLED ²	TRANSPORTATION COST ³ (\$)	DEMIL PROCESSING COST (\$)	(IN THOUSANDS)			ANNUAL PROCES- SING AND STOR- AGE COST ⁵	VALUE OF STORAGE SPACE RELEASED ⁶ (\$)	NET DIRECT COST ⁷	NET COST AVOIDANCE ⁸ (\$)
				RECLAMATION VALUE (\$)	STORAGE SPACE RELEASED ⁴ (SQ. FT.)	STORAGE SPACE RELEASED ⁴ (SQ. FT.)				
ANNISTON	1.726	78.0	82.0	119.1	13.5	13.5	21.9	429.5	40.9	410.5
LETTERKENNY	.332	8.6	11.5	1.8	2.6	2.6	4.2	82.7	18.2	68.7
PUEBLO	2.153	111.5	344.8	573.3	16.8	16.8	27.3	535.8	-116.9	680.0
RED RIVER	9.785	248.7	845.8	1690.3	76.3	76.3	124.0	2434.7	-595.9	3154.6
TOOELE	6.606	300.6	244.5	927.2	51.5	51.5	83.7	1643.9	-382.1	2109.7
FORT WINGATE	INVENTORY SHIPPED OUT FOR DEMIL/DISPOSAL									
SAVANNAH	.046	0.0	5.2	19.0	0.4	0.4	0.6	11.4	-13.8	25.8
SIERRA	3.075	43.5	116.6	205.5	24.0	24.0	39.0	765.1	-45.4	849.4
UNATILLA	INVENTORY SHIPPED OUT FOR DEMIL/DISPOSAL									
NAVAJO	.553	5.6	38.5	70.1	4.3	4.3	7.0	137.7	-26.0	170.7
SENECA	INVENTORY SHIPPED OUT FOR DEMIL/DISPOSAL									
LEX-BLUGRASS	7.408	116.7	602.2	1186.0	57.8	57.8	93.9	1843.3	-467.1	2404.1
CRANE	9.178	126.8	1005.1	1835.6	71.6	71.6	116.3	2283.7	-703.7	3103.8
EARLE	.686	13.2	33.9	276.1	5.4	5.4	8.7	170.6	-229.0	408.3
HAWTHORNE	29.773	333.1	948.5	4765.8	232.2	232.2	377.2	7408.2	-2984.3	10769.7
MCLESTER	12.553	94.4	459.3	2270.9	97.9	97.9	159.0	3123.5	-1717.2	5000.0
SEAL BEACH	3.742	600.5	171.8	1199.3	29.2	29.2	47.4	931.2	-427.0	1405.6
YORKTOWN	.279	26.2	23.5	393.1	2.2	2.2	3.5	69.3	-343.3	416.2
KEYPORT	1.286	66.6	19.1	812.5	10.0	10.0	16.3	320.0	-726.9	1063.1
CHARLESTON ⁹	.694	71.9	13.6	0.0	5.4	5.4	8.8	172.6	85.5	95.9
TOTALS	89.875	2245.9	4965.9	15845.6	701.1	701.1	1138.8	22363.2	-8634.0	32136.1

¹THE LEAST-COST DEMIL/DISPOSAL LOCATION²TOTAL WEIGHT OF ALL ITEMS ALLOCATED TO THE DEMIL/DISPOSAL SITE³TOTAL COST OF TRANSPORTATION OF ITEMS FROM THE INVENTORY LOCATION TO THE LEAST-COST DEMIL/DISPOSAL SITE

DENOTED IN COLUMN 1

⁴BASED ON STORAGE DENSITY OF 7.8 SQ. FT./TON⁵COST FOR SURVEILLANCE AND INSPECTION OF DEMIL INVENTORY; \$12.67/TON⁶BASED ON VALUE OF \$31.90/SQ. FT.⁷DEMIL PROCESSING COST PLUS TRANSPORTATION COST MINUS RECLAMATION VALUE⁸RECLAMATION VALUE PLUS ANNUAL PROCESSING AND STORAGE COST PLUS VALUE OF STORAGE SPACE RELEASED MINUS TRANS-

PORTATION COST MINUS DEMIL PROCESSING COST

⁹INVENTORY AT CHARLESTON WAS NOT CONSIDERED. DEMIL/DISPOSAL OCCURS AT CHARLESTON BECAUSE OF ITS COMPETITIVE

DEMIL PROCESSING COST

TABLE C.3 LEAST-COST ANALYSIS (5-YR TIME LIMIT) DATA SUMMARY

DEMIL/DISPOSAL SITE ¹	TONNAGE TO BE DEMILLED ²	(IN THOUSANDS)						NET DIRECT COST ⁷	NET COST AVOIDANCE ⁸ (\$)
		TRANSPORTATION COST ³ (\$)	DEMIL PROCESSING COST (\$)	RECLAMATION VALUE (\$)	STORAGE SPACE RELEASED ⁴ (SQ. FT.)	ANNUAL PROCES- SING AN STOR- AGE COST ⁵	VALUE OF STORAGE SPACE RELEASED ⁶ (\$)		
ANNISTON	1.796	78.0	273.6	119.1	14.0	22.8	447.0	232.4	237.3
LETTERKENNY	.332	8.6	11.5	1.8	2.6	4.2	82.7	18.2	68.7
PUEBLO	2.153	111.5	344.8	573.3	16.8	27.3	535.8	-116.9	680.0
RED RIVER	9.785	248.7	845.8	1690.3	76.3	124.0	2434.7	-595.9	3154.6
TOOELE	6.606	300.6	244.5	927.2	51.5	83.7	1643.9	-382.1	2109.7
FORT WINGATE	INVENTORY SHIPPED OUT FOR DEMIL/DISPOSAL								
SAVANNA	.046	0.0	5.2	19.0	0.4	0.6	11.4	-13.8	25.8
SIERRA	3.075	43.5	116.6	205.5	24.0	39.0	765.1	-45.4	849.4
UWATILLA	INVENTORY SHIPPED OUT FOR DEMIL/DISPOSAL								
NAVAJO	.553	5.6	38.5	70.1	4.3	7.0	137.7	-26.0	170.7
SENECA	INVENTORY SHIPPED OUT FOR DEMIL/DISPOSAL								
LEX-BLUGRASS	7.408	116.7	602.2	1186.0	57.8	93.9	1843.3	-467.1	2405.0
CRAVE	9.108	123.7	863.4	1835.6	71.0	115.4	2266.3	-848.6	3230.3
EARLE	.686	13.2	33.9	276.1	5.4	8.7	170.6	-229.0	408.3
HAWTHORNE	29.773	333.1	948.5	4765.8	232.2	377.2	7408.2	-2984.3	10770.0
MCLESTER	12.553	94.4	459.3	2270.9	97.9	159.0	3123.5	-1717.2	5000.0
SEAL BEACH	3.742	600.5	171.8	1199.3	29.2	47.4	931.2	-427.0	1405.6
YORKTOWN	.279	26.2	23.5	393.1	2.2	3.5	69.3	-343.3	416.2
KEYPORT	1.286	66.6	19.1	812.5	10.0	16.3	320.0	-726.9	1063.1
CHARLESTON ⁹	.694	71.9	13.6	0.0	5.4	8.8	172.6	85.5	95.9
TOTALS	89.875	2242.8	5015.8	15845.6	701.0	1138.8	22363.2	-8587.4	32090.5

¹THE LEAST-COST DEMIL/DISPOSAL LOCATION²TOTAL WEIGHT OF ALL ITEMS ALLOCATED TO THE DEMIL/DISPOSAL SITE³TOTAL COST OF TRANSPORTATION OF ITEMS FROM THE INVENTORY LOCATION TO THE LEAST-COST DEMIL/DISPOSAL SITE

DEROTED IN COLUMN 1

⁴BASED ON STORAGE DENSITY OF 7.8 SQ. FT./TON⁵COST FOR SURVEILLANCE AND INSPECTION OF DEMIL INVENTORY; \$12.67/TON⁶BASED ON VALUE OF \$31.90/SQ. FT.⁷DEMIL PROCESSING COST PLUS TRANSPORTATION COST MINUS RECLAMATION VALUE⁸RECLAMATION VALUE PLUS ANNUAL PROCESSING AND STORAGE COST PLUS VALUE OF STORAGE SPACE RELEASED MINUS TRANS-

PORTATION COST MINUS DEMIL PROCESSING COST

⁹INVENTORY AT CHARLESTON WAS NOT CONSIDERED. DEMIL/DISPOSAL OCCURS AT CHARLESTON BECAUSE OF ITS COMPETITIVE

DEMIL PROCESSING COST

TABLE C.4 DEMIL WORKLOAD SUMMARY BY METHOD AND SITE

DEMIL/DISPOSAL SITE	ON-SITE ANALYSIS				NUMBER OF 8-HR SHIFTS REQUIRED TO COMPLETE DEMIL/DISPOSAL				LEAST-COST ANALYSIS (50-YR TIME LIMIT)				LEAST-COST ANALYSIS (5-YR TIME LIMIT)			
	FURNACE	WASHOUT	DETONATION	BURNING	FURNACE	WASHOUT	DETONATION	BURNING	FURNACE	WASHOUT	DETONATION	BURNING	FURNACE	WASHOUT	DETONATION	BURNING
ANNISTON	0	0	16	903	0	25	9	30	0	25	9	311	0	25	9	311
LETTERKENNY	30	0	23	32	0	2	0	6	0	2	0	6	0	2	0	6
PUEBLO	0	0	3	0	0	177	0	0	0	177	0	0	0	177	0	0
RED RIVER	1	7	0	29	5	369	0	100	5	369	0	100	5	369	0	100
TOOELE	0	0	8	0	0	54	33	82	0	54	33	82	0	54	33	82
FORT WINGATE	0	0	2	0	INVENTORY SHIPPED OUT FOR DEMIL				INVENTORY SHIPPED OUT FOR DEMIL				INVENTORY SHIPPED OUT FOR DEMIL			
SAVANNA	0	0	0	4	0	0	0	4	0	0	0	4	0	0	0	4
SIERRA	43	0	0	0	11	0	27	5	11	0	27	5	11	0	27	5
UMATILLA	94	0	48	0	INVENTORY SHIPPED OUT FOR DEMIL				INVENTORY SHIPPED OUT FOR DEMIL				INVENTORY SHIPPED OUT FOR DEMIL			
NAVAJO	0	13	0	0	0	15	0	1	0	15	0	1	0	15	0	1
SENECA	0	0	0	8	INVENTORY SHIPPED OUT FOR DEMIL				INVENTORY SHIPPED OUT FOR DEMIL				INVENTORY SHIPPED OUT FOR DEMIL			
LEX-BLUGRASS	0	34	374	353	0	350	0	14	0	350	0	14	0	350	0	14
CRANE	317	2094	491	896	329	1184	219	1821	329	1184	219	1260	329	1184	219	1260
EARLE	0	0	0	38	48	0	0	0	48	0	0	0	48	0	0	0
HANTHORNE	483	1539	351	1081	455	924	203	427	455	924	203	427	455	924	203	427
MCALLESTER	742	1345	1295	1220	190	180	0	342	190	180	0	342	190	180	0	342
SEAL BEACH	0	0	33	0	0	0	0	391	0	0	0	391	0	0	0	391
YORKTOWN	0	17	92	0	0	0	0	139	0	0	0	139	0	0	0	139
KEYPORT	33	0	3	49	664	43	3	20	664	43	3	20	664	43	3	20
CHARLESTON ¹	NA	NA	NA	NA	0	0	0	347	0	0	0	347	0	0	0	347

¹INVENTORY AT CHARLESTON WAS NOT CONSIDERED. DEMIL/DISPOSAL OCCURS AT CHARLESTON BECAUSE OF ITS COMPETITIVE DEMIL PROCESSING COST.

TABLE C.5 THE METHOD AT THE DEMIL SITE WITH THE GREATEST WORKLOAD AND THE TIME NEEDED TO COMPLETE WORKLOAD¹

DEMIL/DISPOSAL SITE	ON-SITE ANALYSIS				LEAST-COST(50-YR TIME LIMIT)				LEAST-COST(5-YR TIME LIMIT)			
	METHOD WITH GREATEST WORKLOAD	TIME TO COMPLETE WORKLOAD			METHOD WITH GREATEST WORKLOAD	TIME TO COMPLETE WORKLOAD			METHOD WITH GREATEST WORKLOAD	TIME TO COMPLETE WORKLOAD		
		YR	MO	DAY		YR	MO	DAY		YR	MO	DAY
ANNISTON	BURNING	3	7		BURNING		1	9	BURNING	1	2	17
LETTERKENNY	BURNING		1	10	BURNING			6	BURNING			6
PUEBLO	DETONATION			3	WASHOUT		8	9	WASHOUT		8	9
RED RIVER	BURNING	1	8		WASHOUT	1	5	10	WASHOUT	1	5	10
TOOELE	DETONATION			8	BURNING		4		BURNING		4	
FORT WINGATE	DETONATION			2	NO WORKLOAD ²	--	--	---	NO WORKLOAD	--	--	---
SAVANNA	BURNING			4	BURNING			4	BURNING			4
SIERRA	FURNACE	2			DETONATION		1	6	DETONATION		1	6
UMATILLA	FURNACE	5	10		NO WORKLOAD ²	--	--	---	NO WORKLOAD	--	--	---
NAVAJO	WASHOUT			10	WASHOUT			15	WASHOUT			15
SENECA	BURNING			8	NO WORKLOAD ²	--	--	---	NO WORKLOAD	--	--	---
LEX-BLUGRASS	DETONATION	1	6		WASHOUT	1	4	14	WASHOUT	1	4	14
CRANE	WASHOUT	8	4		BURNING	7	2	15	BURNING	5		
EARLE	BURNING		2		FURNACE		2	6	FURNACE		2	6
HAWHTORNE	WASHOUT	6	1		WASHOUT	3	8		WASHOUT	3	8	
MCALISTER	WASHOUT	5	4		BURNING	1	4	6	BURNING	1	4	6
SEAL BEACH	DETONATION		1	10	BURNING	1	6	13	BURNING	1	6	13
YORKTOWN	DETONATION		4	10	BURNING		6	13	BURNING		6	13
KEYPORT	BURNING		2	7	FURNACE	2	7	7	FURNACE	2	7	7
CHARLESTON ³	N/A				BURNING	1	4	11	BURNING	1	4	11

¹DEMIL CAPABILITIES WERE BASED ON A 1-8-5 SHIFT RATE WITH 252 DAYS IN A YEAR²"NO WORKLOAD" MEANS THE INVENTORY WAS SHIPPED OUT FOR DEMIL/DISPOSAL³INVENTORY AT CHARLESTON WAS NOT CONSIDERED. DEMIL/DISPOSAL OCCURS AT CHARLESTON BECAUSE OF ITS COMPETITIVE DEMIL PROCESSING COST



JOINT CONVENTIONAL AMMUNITION PROGRAM
COORDINATING GROUP

REPLY TO
ATTENTION OF:

Rock Island Arsenal, IL 61299

JCAP-EX

8 March 1978

SUBJECT: Economic Analysis for Demilitarization and Disposal

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ECONOMIC ANALYSIS FOR DEMILITARIZATION AND DISPOSAL

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